

1
00:00:00,030 --> 00:00:05,009
the National Business Machines IBM which

2
00:00:03,359 --> 00:00:09,150
this season has brought you town

3
00:00:05,009 --> 00:00:14,160
meetings of the world CBS reports the

4
00:00:09,150 --> 00:00:17,670
National Health and Citizenship tests in

5
00:00:14,160 --> 00:00:24,649
this distinguished series this is not a

6
00:00:17,670 --> 00:00:28,410
crater on the moon this is an IFO

7
00:00:24,649 --> 00:00:31,169
identified flying object a man not

8
00:00:28,410 --> 00:00:34,099
Superman jetting in a Bell AeroSystems

9
00:00:31,170 --> 00:00:34,099
rocket belt

10
00:00:39,030 --> 00:00:48,039
this is a UFO unidentified flying object

11
00:00:44,039 --> 00:00:49,689
popularly called a flying saucer two

12
00:00:48,039 --> 00:00:53,429
responsible scientists and photo

13
00:00:49,689 --> 00:01:00,899
analysts they are particular clouds

14
00:00:53,429 --> 00:01:03,119
sundogs planets balloons or mirages

15
00:01:00,899 --> 00:01:05,969
first of all the objects are not

16
00:01:03,119 --> 00:01:09,129
unidentified we know what they are

17
00:01:05,969 --> 00:01:12,368
second in many cases in most cases are

18
00:01:09,129 --> 00:01:15,478
not flying and finally in many cases

19
00:01:12,368 --> 00:01:18,400
they are not even material objects a

20
00:01:15,478 --> 00:01:21,310
real flying saucer looks like this an

21
00:01:18,400 --> 00:01:26,228
Avro car manufactured in Canada being

22
00:01:21,310 --> 00:01:28,390
test flown in 1961 or like this free fly

23
00:01:26,228 --> 00:01:30,569
an air-cushion vehicle being flown by

24
00:01:28,390 --> 00:01:36,609
its inventor professor Paul Moller in

25
00:01:30,569 --> 00:01:38,559
1965 but UFO sightings persist and

26
00:01:36,609 --> 00:01:41,620
skeptics often become confirmed

27
00:01:38,560 --> 00:01:43,210
believers I've slowly come conclusion

28
00:01:41,620 --> 00:01:45,939
that there are such things as

29

00:01:43,209 --> 00:01:47,289
interplanetary spaceships I'll have to

30
00:01:45,939 --> 00:01:49,620
stick my neck out and say that because I

31
00:01:47,290 --> 00:01:52,060
believe it at long last

32
00:01:49,620 --> 00:01:54,810
psychiatrists often call these reported

33
00:01:52,060 --> 00:01:56,680
UFO sightings illusions hallucinations

34
00:01:54,810 --> 00:01:58,840
self delusions

35
00:01:56,680 --> 00:02:00,700
I'm not saying that there aren't things

36
00:01:58,840 --> 00:02:04,030
in the sky that we don't know about it

37
00:02:00,700 --> 00:02:06,670
what I am saying is that when there's

38
00:02:04,030 --> 00:02:10,590
anything that one doesn't know but then

39
00:02:06,670 --> 00:02:14,890
the mind fills it with a great mass of

40
00:02:10,590 --> 00:02:17,530
fantasy and most of what we're dealing

41
00:02:14,889 --> 00:02:21,518
with in these reports is almost

42
00:02:17,530 --> 00:02:24,610
certainly fantasy hi-pro fiction myth

43
00:02:21,519 --> 00:02:25,860

Menace or Marsh gas this is an age when

44

00:02:24,610 --> 00:02:27,670
scientific and technological

45

00:02:25,860 --> 00:02:31,560
developments are rapidly making

46

00:02:27,669 --> 00:02:31,559
yesterday's fiction fact

47

00:02:33,419 --> 00:02:39,509
how much do we know and how we know what

48

00:02:36,719 --> 00:02:41,959
we know is what tonight CBS reports is

49

00:02:39,509 --> 00:02:41,959
all about

50

00:02:49,340 --> 00:02:57,629
CBS reports UFO friend foe or fantasy

51

00:02:55,430 --> 00:03:00,629
reported by CBS News correspondent

52

00:02:57,629 --> 00:03:03,150
Walter Cronkite good evening

53

00:03:00,629 --> 00:03:05,310
reports of flying saucers are nothing

54

00:03:03,150 --> 00:03:07,830
new from the beginning of recorded time

55

00:03:05,310 --> 00:03:09,000
men have been seen unexplainable things

56

00:03:07,830 --> 00:03:11,130
in the sky

57

00:03:09,000 --> 00:03:13,800
and there's no reason to doubt they saw

58
00:03:11,129 --> 00:03:16,829
something the question is was what they

59
00:03:13,800 --> 00:03:19,410
saw lelee there and what was it they

60
00:03:16,830 --> 00:03:23,130
really saw the great flying saucer

61
00:03:19,409 --> 00:03:25,500
mystery of 1966 began here near Dexter

62
00:03:23,129 --> 00:03:27,269
Michigan late in March before the month

63
00:03:25,500 --> 00:03:29,639
was out flying saucers were being

64
00:03:27,269 --> 00:03:32,069
reported from New Jersey to California

65
00:03:29,639 --> 00:03:35,189
from Colorado to Long Island from Ohio

66
00:03:32,068 --> 00:03:37,500
to Georgia invariably the first reports

67
00:03:35,189 --> 00:03:40,079
were brought in by quiet and sober

68
00:03:37,500 --> 00:03:43,318
citizens like Frank mannor father of ten

69
00:03:40,080 --> 00:03:46,170
children a country man a hunting man a

70
00:03:43,318 --> 00:03:49,530
man used to wooded swamp lands by night

71
00:03:46,169 --> 00:03:52,858
well first beginning we were watching

72
00:03:49,530 --> 00:03:54,689
television and we have six dogs here and

73
00:03:52,859 --> 00:03:57,450
they started raising the fuss in which

74
00:03:54,689 --> 00:04:00,150
they never do much so I went outside and

75
00:03:57,449 --> 00:04:02,608
give a yell and was I turned around to

76
00:04:00,150 --> 00:04:06,780
come back on the porch I looked to the

77
00:04:02,609 --> 00:04:10,379
north of me and there were looked like

78
00:04:06,780 --> 00:04:14,939
our fallen star Peter it was read kind

79
00:04:10,379 --> 00:04:17,879
of coming down on a 45 out of 45 and so

80
00:04:14,939 --> 00:04:19,738
then I watched it and I was gonna see if

81
00:04:17,879 --> 00:04:22,199
it landed and maybe go down and see what

82
00:04:19,738 --> 00:04:25,139
it was and when it got to the top of the

83
00:04:22,199 --> 00:04:29,279
trees it stopped in a blue and a white

84
00:04:25,139 --> 00:04:31,319
light come on and I looked at it and I

85
00:04:29,279 --> 00:04:33,959
thought I was seeing things bright

86

00:04:31,319 --> 00:04:36,629
banners UFO remained over his swamp more

87
00:04:33,959 --> 00:04:39,599
than four hours his children saw it is

88
00:04:36,629 --> 00:04:43,019
in-laws saw it residents of the area saw

89
00:04:39,600 --> 00:04:45,120
it the police saw it no one photographed

90
00:04:43,019 --> 00:04:46,680
it but sergeant Newell Snyder of the

91
00:04:45,120 --> 00:04:47,728
Sheriff's Office remembered it well

92
00:04:46,680 --> 00:04:49,209
enough to draw it

93
00:04:47,728 --> 00:04:52,599
no it

94
00:04:49,209 --> 00:04:54,609
move very rapidly at any speed or rather

95
00:04:52,600 --> 00:04:56,169
any direction it wanted to go why I

96
00:04:54,610 --> 00:04:59,229
could change and go to the right or the

97
00:04:56,168 --> 00:05:02,258
left or go crossways without hesitating

98
00:04:59,228 --> 00:05:03,939
a bit what do you think it was well if

99
00:05:02,259 --> 00:05:07,419
they call it a flying saucer that's what

100
00:05:03,939 --> 00:05:09,610

it is 40 miles away another swampland

101

00:05:07,418 --> 00:05:12,098
and another UFO sighting

102

00:05:09,610 --> 00:05:13,810
this is Hillsdale and the girls at

103

00:05:12,098 --> 00:05:16,418
Hillsdale College had a night to

104

00:05:13,810 --> 00:05:18,370
remember well when I was looking out the

105

00:05:16,418 --> 00:05:22,418
window was the binoculars I guess it was

106

00:05:18,370 --> 00:05:24,399
about 12:00 I thought and I saw two red

107

00:05:22,418 --> 00:05:26,079
lights and I saw what looked to be

108

00:05:24,399 --> 00:05:27,879
shaped like a pie I could to see the

109

00:05:26,079 --> 00:05:29,109
front of it I just saw the round front

110

00:05:27,879 --> 00:05:31,569
and I could see the lights on either

111

00:05:29,110 --> 00:05:33,460
side and then the red light was sort of

112

00:05:31,569 --> 00:05:36,519
casting a glow over the whole thing so

113

00:05:33,459 --> 00:05:38,198
it looked like a round disc at first one

114

00:05:36,519 --> 00:05:40,598
I heard the other girls talk about it I

115
00:05:38,199 --> 00:05:42,520
didn't really I believed them yet I

116
00:05:40,598 --> 00:05:44,228
couldn't really make myself comprehend

117
00:05:42,519 --> 00:05:47,859
it because I hadn't seen it with my own

118
00:05:44,228 --> 00:05:52,120
eyes but then when I saw it I just was

119
00:05:47,860 --> 00:05:53,949
fascinated I wasn't afraid I I just

120
00:05:52,120 --> 00:05:56,379
wanted to stay there and keep my eyes

121
00:05:53,949 --> 00:06:00,340
glued to it I couldn't leave I know I

122
00:05:56,379 --> 00:06:03,430
saw but and I mean I know myself I

123
00:06:00,339 --> 00:06:05,348
thought but I don't I believe I said it

124
00:06:03,430 --> 00:06:08,199
but I can't fathom it because it seems

125
00:06:05,348 --> 00:06:10,269
so unreal William Van Horn hills dales

126
00:06:08,199 --> 00:06:12,968
Undertaker and civil defense director

127
00:06:10,269 --> 00:06:15,158
also spotted the UFO was out with his

128
00:06:12,968 --> 00:06:17,620
Geiger counter next day checking a

129
00:06:15,158 --> 00:06:20,949
mysterious Perfect Circle where the UFO

130
00:06:17,620 --> 00:06:23,139
had been seen Ben Horne did not find any

131
00:06:20,949 --> 00:06:24,788
radioactivity here but this did not

132
00:06:23,139 --> 00:06:27,848
shake his certainty that he had seen a

133
00:06:24,788 --> 00:06:29,740
hovering vehicle with two lights many

134
00:06:27,848 --> 00:06:32,620
people asked him why he did not go right

135
00:06:29,740 --> 00:06:34,750
up to the UFO in the dark I'd much

136
00:06:32,620 --> 00:06:38,050
rather be a live coward in a dead hero

137
00:06:34,750 --> 00:06:42,269
and with the area of uncertainty that we

138
00:06:38,050 --> 00:06:45,430
have here how do I know but what maybe

139
00:06:42,269 --> 00:06:47,319
maybe there's a current a lower

140
00:06:45,430 --> 00:06:49,658
electrical charge which is being

141
00:06:47,319 --> 00:06:52,689
radiated by one of these vehicles which

142
00:06:49,658 --> 00:06:55,060
would electrocute you if you got within

143

00:06:52,689 --> 00:06:57,740
a certain area of it there was no sound

144
00:06:55,060 --> 00:07:00,470
whatsoever I could not hear a

145
00:06:57,740 --> 00:07:02,538
a bit of sound the Air Force said its

146
00:07:00,470 --> 00:07:05,060
chief scientific consultant on UFOs

147
00:07:02,538 --> 00:07:08,029
professor J Allen Hynek to check the

148
00:07:05,060 --> 00:07:10,129
Michigan sightings dr. Hynek agreed that

149
00:07:08,029 --> 00:07:12,619
the good citizens of Michigan had seen

150
00:07:10,129 --> 00:07:15,529
something in the marshal I honestly he

151
00:07:12,620 --> 00:07:19,728
thought they had seen marsh gas I've had

152
00:07:15,529 --> 00:07:22,279
many many letters pointing out that they

153
00:07:19,728 --> 00:07:24,439
as children on the farm had had many

154
00:07:22,279 --> 00:07:25,909
experiences with swamp lights and that

155
00:07:24,439 --> 00:07:27,110
this was obviously the thing that it was

156
00:07:25,910 --> 00:07:28,910
and they couldn't understand why the

157
00:07:27,110 --> 00:07:30,979

people in Michigan got so excited over

158

00:07:28,910 --> 00:07:33,470

slop lights and the illusion of motion

159

00:07:30,978 --> 00:07:36,379

frequently is given by the fact that a

160

00:07:33,470 --> 00:07:38,120

little bit of swap light appears here it

161

00:07:36,379 --> 00:07:40,759

goes out another one appears over here

162

00:07:38,120 --> 00:07:42,439

that goes out there but the illusion as

163

00:07:40,759 --> 00:07:44,030

viewed from a distance is that the

164

00:07:42,439 --> 00:07:47,418

objects have moved back and forth and

165

00:07:44,029 --> 00:07:50,959

sometimes as gas will gather into a ball

166

00:07:47,418 --> 00:07:52,879

and actually float away in Washington a

167

00:07:50,959 --> 00:07:55,430

private unofficial group known as

168

00:07:52,879 --> 00:07:57,889

nightcap national investigations

169

00:07:55,430 --> 00:07:59,959

committee on aerial phenomena called a

170

00:07:57,889 --> 00:08:02,360

news conference dismissed the swamp gas

171

00:07:59,959 --> 00:08:05,149

theory and reopened an old argument with

172
00:08:02,360 --> 00:08:07,759
the Air Force nigh caps director major

173
00:08:05,149 --> 00:08:10,069
Donald E Kehoe a retired Marine Corps

174
00:08:07,759 --> 00:08:13,098
officer insisted that the Air Force knew

175
00:08:10,069 --> 00:08:18,228
more than it was telling we are being

176
00:08:13,098 --> 00:08:21,649
observed by some type of device which is

177
00:08:18,228 --> 00:08:24,709
ahead of us far ahead of us and has

178
00:08:21,649 --> 00:08:27,198
probably controlled by a highly advanced

179
00:08:24,709 --> 00:08:29,810
superior civilization now this is a

180
00:08:27,199 --> 00:08:32,329
conclusion which I personally have

181
00:08:29,810 --> 00:08:34,759
stated and is shared by some members of

182
00:08:32,328 --> 00:08:38,718
our Board of Governors and advisors not

183
00:08:34,759 --> 00:08:41,538
all of them but it has reached the point

184
00:08:38,719 --> 00:08:43,430
where many people in the Air Force have

185
00:08:41,538 --> 00:08:44,899
the same conclusion in fact the Air

186
00:08:43,429 --> 00:08:46,338
Force at one time had a top-secret

187
00:08:44,899 --> 00:08:49,190
estimate that these things were

188
00:08:46,339 --> 00:08:52,399
interplanetary spaceships so you will

189
00:08:49,190 --> 00:08:56,180
see that this instead of being a subject

190
00:08:52,399 --> 00:08:58,519
for ridicule and a big joke actually is

191
00:08:56,179 --> 00:09:01,399
a serious matter which could affect the

192
00:08:58,519 --> 00:09:03,799
lives of all of us and for the umpteenth

193
00:09:01,399 --> 00:09:05,480
time in as many years the Air Force

194
00:09:03,799 --> 00:09:08,179
called before a congressional committee

195
00:09:05,480 --> 00:09:09,190
said it was hiding nothing Air Force

196
00:09:08,179 --> 00:09:12,069
secretary

197
00:09:09,190 --> 00:09:16,060
Brown we have not been hiding anything

198
00:09:12,070 --> 00:09:19,030
the investigations have been made public

199
00:09:16,059 --> 00:09:20,949
the explanations of those where there is

200

00:09:19,029 --> 00:09:22,629
a clear explanation have been made

201
00:09:20,950 --> 00:09:25,330
public the hearing this morning was

202
00:09:22,629 --> 00:09:28,029
public for just that reason in those

203
00:09:25,330 --> 00:09:32,290
cases where for lack of data for a lack

204
00:09:28,029 --> 00:09:34,529
of a convincing hypothesis the sighting

205
00:09:32,289 --> 00:09:36,969
has been kept in the unidentified

206
00:09:34,529 --> 00:09:39,759
category we've been perfectly willing to

207
00:09:36,970 --> 00:09:40,870
say that - but if the Air Force had

208
00:09:39,759 --> 00:09:43,000
nothing to hide

209
00:09:40,870 --> 00:09:44,440
Frank mannor night the Michigan farmer

210
00:09:43,000 --> 00:09:46,179
would brought in the first the sword

211
00:09:44,440 --> 00:09:48,640
ever was caught in the middle

212
00:09:46,179 --> 00:09:50,889
he was my head well you're gonna get

213
00:09:48,639 --> 00:09:53,169
here look beer bottle showing look at my

214
00:09:50,889 --> 00:09:54,220

windshield what would you think if some

215

00:09:53,169 --> 00:09:55,479

of your sawing beer bottles at your

216

00:09:54,220 --> 00:09:59,259

house stand out in the middle of road

217

00:09:55,480 --> 00:10:01,180

screaming be not different attic and all

218

00:09:59,259 --> 00:10:02,889

that load you think are you sorry now

219

00:10:01,179 --> 00:10:06,309

that you did tell people what you saw

220

00:10:02,889 --> 00:10:08,110

yes I am I'm sorry because it not that

221

00:10:06,309 --> 00:10:09,969

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

222

00:10:08,110 --> 00:10:13,000

idea the reaction of the people they

223

00:10:09,970 --> 00:10:14,950

think you're a nut tell you the truth

224

00:10:13,000 --> 00:10:16,179

that's just what they figure you are and

225

00:10:14,950 --> 00:10:18,190

I'm not gonna take it the more I don't

226

00:10:16,179 --> 00:10:21,129

want nobody down in here I just leave me

227

00:10:18,190 --> 00:10:23,170

alone and if it's the same lens right

228

00:10:21,129 --> 00:10:25,419

turn right there by that pump I'd never

229
00:10:23,169 --> 00:10:27,669
say a word then he got out and talked to

230
00:10:25,419 --> 00:10:29,709
me I wouldn't tell nobody that's just

231
00:10:27,669 --> 00:10:33,370
the way I feel I'm bitter and disgusted

232
00:10:29,710 --> 00:10:35,290
no man and if people is gonna act like

233
00:10:33,370 --> 00:10:37,990
that I hope one lands right in an IRA

234
00:10:35,289 --> 00:10:40,149
but right in the middle or Detroit if

235
00:10:37,990 --> 00:10:42,340
flying saucers had become a painfully

236
00:10:40,149 --> 00:10:44,470
close subject to Frank mannor they

237
00:10:42,340 --> 00:10:46,710
nevertheless remained an intriguing open

238
00:10:44,470 --> 00:10:49,389
subject to millions of his countrymen

239
00:10:46,710 --> 00:10:52,300
UFOs had been popularized here and

240
00:10:49,389 --> 00:10:54,370
abroad for almost 20 years ever since a

241
00:10:52,299 --> 00:10:56,289
pilot named Kenneth Arnold reported

242
00:10:54,370 --> 00:10:58,149
seeing some disks and said they looked

243
00:10:56,289 --> 00:11:00,789
to him the way saucers would if you

244
00:10:58,149 --> 00:11:03,669
skimmed them across water as for the

245
00:11:00,789 --> 00:11:05,889
latest rash of UFO reports a pioneer in

246
00:11:03,669 --> 00:11:08,559
rocketry and an early popularizer of

247
00:11:05,889 --> 00:11:12,370
interplanetary space travel dr. Willie

248
00:11:08,559 --> 00:11:14,189
lay thought he detected a reason what it

249
00:11:12,370 --> 00:11:18,460
is very typically that it's a rash

250
00:11:14,190 --> 00:11:21,370
because if you get one report you get a

251
00:11:18,460 --> 00:11:22,470
clutch of other reports following it it

252
00:11:21,370 --> 00:11:25,769
feeds on it

253
00:11:22,470 --> 00:11:28,529
and the main problem there is that the

254
00:11:25,769 --> 00:11:33,960
term flying saucer ought to go official

255
00:11:28,529 --> 00:11:36,179
about it UFO has produced a label in the

256
00:11:33,960 --> 00:11:38,430
past and somebody saw us leak of light

257

00:11:36,179 --> 00:11:40,189
in the sky which she couldn't understand

258
00:11:38,429 --> 00:11:42,899
that which didn't interest him very much

259
00:11:40,190 --> 00:11:45,120
when he might have told his wife that he

260
00:11:42,899 --> 00:11:48,149
saw a sleep of that was likely he didn't

261
00:11:45,120 --> 00:11:50,850
but now that he has a label to put to it

262
00:11:48,149 --> 00:11:53,490
he comes home and hits his wife his

263
00:11:50,850 --> 00:11:55,680
children his neighbours the policeman on

264
00:11:53,490 --> 00:11:58,620
duty and a few other people that he saw

265
00:11:55,679 --> 00:12:00,779
a flying saucer today is to come many

266
00:11:58,620 --> 00:12:04,230
more people will cite many more flying

267
00:12:00,779 --> 00:12:07,589
saucers some these UFOs will be miracles

268
00:12:04,230 --> 00:12:10,590
to others real but unexplainable to most

269
00:12:07,590 --> 00:12:12,660
scientists natural phenomena some people

270
00:12:10,590 --> 00:12:15,149
will be fooled others will try to fool

271
00:12:12,659 --> 00:12:17,309

the rest but a few will be expert

272

00:12:15,149 --> 00:12:19,049

observers and their sightings will keep

273

00:12:17,309 --> 00:12:21,029

the controversy churning over weather

274

00:12:19,049 --> 00:12:22,889

vehicles from outer space are possible

275

00:12:21,029 --> 00:12:25,709

and whether indeed these vehicles

276

00:12:22,889 --> 00:12:29,840

already have arrived here we turn to

277

00:12:25,710 --> 00:12:29,840

that part of the UFO story in a moment

278

00:12:33,919 --> 00:12:39,929

here is a ritual that goes on night

279

00:12:37,500 --> 00:12:42,509

after night before each new term in high

280

00:12:39,929 --> 00:12:45,359

schools all over the land this is

281

00:12:42,509 --> 00:12:47,789

scheduling the fitting of courses to the

282

00:12:45,360 --> 00:12:49,889

needs of each student and the needs of

283

00:12:47,789 --> 00:12:51,839

each student to the new terms classes

284

00:12:49,889 --> 00:12:53,970

these teachers and counselors are

285

00:12:51,840 --> 00:12:57,120

searching by trial and error for a

286
00:12:53,970 --> 00:12:58,950
schedule that works trying out students

287
00:12:57,120 --> 00:13:00,470
in classes in combination after

288
00:12:58,950 --> 00:13:03,899
combination

289
00:13:00,470 --> 00:13:06,850
[Music]

290
00:13:03,899 --> 00:13:09,100
night after night right up to the

291
00:13:06,850 --> 00:13:12,159
opening of school but in this high

292
00:13:09,100 --> 00:13:14,290
school where 2,000 students have their

293
00:13:12,159 --> 00:13:17,919
choice of more than a hundred classes

294
00:13:14,289 --> 00:13:20,019
this IBM computer tries out millions of

295
00:13:17,919 --> 00:13:23,139
combinations of students and classes and

296
00:13:20,019 --> 00:13:26,198
arrives at the optimum schedule in one

297
00:13:23,139 --> 00:13:29,379
afternoon the process starts in a

298
00:13:26,198 --> 00:13:30,969
student counselor's office chair if

299
00:13:29,379 --> 00:13:33,069
you're planning on a scientific career

300
00:13:30,970 --> 00:13:34,089
such as medicine that may be physiology

301
00:13:33,068 --> 00:13:36,188
or biology

302
00:13:34,089 --> 00:13:38,529
the counsellor analyzes where each

303
00:13:36,188 --> 00:13:40,599
students abilities lie and where he

304
00:13:38,528 --> 00:13:42,938
needs direction the counselor then

305
00:13:40,600 --> 00:13:45,308
simply marks the ideal courses for the

306
00:13:42,938 --> 00:13:47,938
student on one of these lists these

307
00:13:45,308 --> 00:13:50,708
course requests go into the IBM computer

308
00:13:47,938 --> 00:13:53,110
already stored in its disk memory are

309
00:13:50,708 --> 00:13:55,149
related facts about each course when

310
00:13:53,110 --> 00:13:58,269
it's given how much space in the class

311
00:13:55,149 --> 00:14:01,688
and here's the result the most workable

312
00:13:58,269 --> 00:14:04,828
schedule for every student coming up as

313
00:14:01,688 --> 00:14:07,808
a roster of each class for each teacher

314

00:14:04,828 --> 00:14:12,849
that's one of the jobs the computer does

315
00:14:07,808 --> 00:14:16,028
for the teacher also you've got about 10

316
00:14:12,850 --> 00:14:18,909
minutes left the computer also scores

317
00:14:16,028 --> 00:14:21,519
tests and supplies more information from

318
00:14:18,909 --> 00:14:23,769
them not only grades but where each

319
00:14:21,519 --> 00:14:26,289
student stands in the class where the

320
00:14:23,769 --> 00:14:27,529
class fans in the state and the state in

321
00:14:26,289 --> 00:14:29,990
the nation

322
00:14:27,529 --> 00:14:34,909
[Music]

323
00:14:29,990 --> 00:14:37,100
would you get two we're gonna make this

324
00:14:34,909 --> 00:14:39,519
computer information gives teachers a

325
00:14:37,100 --> 00:14:42,920
better idea we're more work is needed

326
00:14:39,519 --> 00:14:46,299
the computer also stores grades from the

327
00:14:42,919 --> 00:14:49,129
teacher plus comments on each student

328
00:14:46,299 --> 00:14:53,620

all this information is processed and

329

00:14:49,129 --> 00:14:56,689

served back as reports for parents and

330

00:14:53,620 --> 00:14:59,080

as a complete record for counselors on

331

00:14:56,690 --> 00:15:04,220

which to base more accurate guidance

332

00:14:59,080 --> 00:15:07,100

wizard 40th percentile score the IBM

333

00:15:04,220 --> 00:15:09,350

secondary school computer system giving

334

00:15:07,100 --> 00:15:13,129

our teachers a better opportunity to

335

00:15:09,350 --> 00:15:15,310

know and help each and every individual

336

00:15:13,129 --> 00:15:15,309

student

337

00:15:20,840 --> 00:15:32,990

[Music]

338

00:15:30,470 --> 00:15:36,570

here again as CBS News correspondent

339

00:15:32,990 --> 00:15:38,039

Walter Cronkite there are more things in

340

00:15:36,570 --> 00:15:39,870

heaven and earth says Shakespeare's

341

00:15:38,039 --> 00:15:42,299

Hamlet than are dreamt of in your

342

00:15:39,870 --> 00:15:44,129

philosophy on the other hand there may

343
00:15:42,299 --> 00:15:46,889
be less there than often reached the eye

344
00:15:44,129 --> 00:15:49,439
the oceanographer a meteorologist Apple

345
00:15:46,889 --> 00:15:51,870
stands peel house in the very early

346
00:15:49,440 --> 00:15:55,079
times people didn't understand the

347
00:15:51,870 --> 00:15:58,669
majestic kind of catastrophes of nature

348
00:15:55,078 --> 00:16:01,469
if a volcano blew its head and and

349
00:15:58,669 --> 00:16:04,769
destroyed a village primitive people

350
00:16:01,470 --> 00:16:08,220
used to think of it as some enlarged

351
00:16:04,769 --> 00:16:10,589
monster some enlargement of a thing that

352
00:16:08,220 --> 00:16:12,990
was familiar to them like a wild animal

353
00:16:10,589 --> 00:16:16,769
or something in other words they

354
00:16:12,990 --> 00:16:19,799
interpreted the this understandable

355
00:16:16,769 --> 00:16:23,610
rather fearsome thing in terms of their

356
00:16:19,799 --> 00:16:26,399
present knowledge primitive it was there

357
00:16:23,610 --> 00:16:29,789
you get into medieval times with a sort

358
00:16:26,399 --> 00:16:32,429
of resurgence of mysticism and religious

359
00:16:29,789 --> 00:16:35,490
fervour and I suppose if people saw

360
00:16:32,429 --> 00:16:39,208
unexplained things in the sky in those

361
00:16:35,490 --> 00:16:42,690
days will explain them as miracles well

362
00:16:39,208 --> 00:16:46,979
then you get to today and we're on the

363
00:16:42,690 --> 00:16:48,959
brink of interplanetary travel and so we

364
00:16:46,980 --> 00:16:51,180
begin to see things in the sky again

365
00:16:48,958 --> 00:16:53,759
that we can't understand or can't

366
00:16:51,179 --> 00:16:58,019
explain immediately so we explain them

367
00:16:53,759 --> 00:17:02,338
again with this sort of colossal egotism

368
00:16:58,019 --> 00:17:04,588
of the of man at his present time we

369
00:17:02,339 --> 00:17:06,808
explain them in terms of our latest

370
00:17:04,588 --> 00:17:10,519
ability namely on the brink of space

371

00:17:06,808 --> 00:17:10,519
travel these must be spaceships

372
00:17:10,880 --> 00:17:16,490
but then only a few years ago this would

373
00:17:13,430 --> 00:17:19,190
have been called an optical illusion or

374
00:17:16,490 --> 00:17:20,779
it might have been called a miracle but

375
00:17:19,190 --> 00:17:23,209
a man being powered through the air

376
00:17:20,779 --> 00:17:26,959
without benefit of plane or balloon is

377
00:17:23,209 --> 00:17:32,779
today a reality tomorrow he may even be

378
00:17:26,959 --> 00:17:35,299
a traffic problem there are jets that

379
00:17:32,779 --> 00:17:40,460
can rise straight up and then hover like

380
00:17:35,299 --> 00:17:42,169
this British hawk p.1127 the French

381
00:17:40,460 --> 00:17:48,950
also have experimented in this field

382
00:17:42,170 --> 00:17:52,700
this is the balsa not a UFO the Germans

383
00:17:48,950 --> 00:17:54,019
also are doing it this is the ewr here

384
00:17:52,700 --> 00:18:00,500
it comes in for a landing

385
00:17:54,019 --> 00:18:02,990

GW are not UFO the American xv5 a built

386

00:18:00,500 --> 00:18:05,539

by Ryan and only flies straight up and

387

00:18:02,990 --> 00:18:10,730

down it also flies sideways and

388

00:18:05,539 --> 00:18:13,759

backwards northrop's wingless m2f -

389

00:18:10,730 --> 00:18:16,880

otherwise known as the flying bathtub is

390

00:18:13,759 --> 00:18:19,190

NASA's lifting reentry body half plane

391

00:18:16,880 --> 00:18:22,000

half spacecraft landing like a

392

00:18:19,190 --> 00:18:24,170

conventional jet without power

393

00:18:22,000 --> 00:18:26,119

another wingless piece of airborne

394

00:18:24,170 --> 00:18:27,950

hardware is this a lunar landing

395

00:18:26,119 --> 00:18:30,979

research vehicle at NASA's research

396

00:18:27,950 --> 00:18:32,900

center looking more like a giant flying

397

00:18:30,980 --> 00:18:35,539

ant that might have come out of a

398

00:18:32,900 --> 00:18:38,840

Martian comic book it will be used when

399

00:18:35,539 --> 00:18:41,420

we get to the moon small wonder that

400
00:18:38,839 --> 00:18:43,399
layman seen such things in newspapers

401
00:18:41,420 --> 00:18:45,529
aviation and trade journals as well as

402
00:18:43,400 --> 00:18:48,200
in newsreels and on television are

403
00:18:45,529 --> 00:18:50,269
evermore ready to believe anything where

404
00:18:48,200 --> 00:18:52,370
these are real than others more

405
00:18:50,269 --> 00:18:54,980
incredible are most probably being

406
00:18:52,369 --> 00:18:57,109
tested in secret however all these

407
00:18:54,980 --> 00:18:59,539
vehicles operate within the laws of

408
00:18:57,109 --> 00:19:01,189
physics and aerodynamics even though

409
00:18:59,539 --> 00:19:04,490
they may give the appearance of

410
00:19:01,190 --> 00:19:06,830
operating outside the laws of nature but

411
00:19:04,490 --> 00:19:09,890
ufologist still insist there is more to

412
00:19:06,829 --> 00:19:12,409
it than this and so there is at

413
00:19:09,890 --> 00:19:14,360
England's Victoria and Albert Museum CBS

414
00:19:12,410 --> 00:19:16,670
correspondent frank kern spoke to

415
00:19:14,359 --> 00:19:20,299
aeronautical historian charles harvard

416
00:19:16,670 --> 00:19:23,090
gibbs smith my position now I think is

417
00:19:20,299 --> 00:19:25,009
that I believe that about 5%

418
00:19:23,089 --> 00:19:28,189
these things are inter parent for that

419
00:19:25,009 --> 00:19:33,079
they come to us from a world outside our

420
00:19:28,190 --> 00:19:36,289
foundry system and that some of them are

421
00:19:33,079 --> 00:19:39,309
in fact inhabited by intelligent beings

422
00:19:36,289 --> 00:19:41,960
of some kind and some look as if they're

423
00:19:39,309 --> 00:19:44,049
remotely controlled at all

424
00:19:41,960 --> 00:19:46,519
who really do we think we are we're a

425
00:19:44,049 --> 00:19:49,299
fifth-rate miserable measly little

426
00:19:46,519 --> 00:19:51,920
system out on the edge of the Milky Way

427
00:19:49,299 --> 00:19:54,409
fooling around the universe with four or

428

00:19:51,920 --> 00:19:56,090
five thousand years of so-called

429
00:19:54,410 --> 00:19:58,640
civilization behind us we think we are

430
00:19:56,089 --> 00:20:01,250
the cat's whiskers and we are not we're

431
00:19:58,640 --> 00:20:04,430
a potty's second-rate lot fifth-rate

432
00:20:01,250 --> 00:20:06,440
long conceited as Apes not all of us and

433
00:20:04,430 --> 00:20:07,700
and here we go in the moment anybody

434
00:20:06,440 --> 00:20:10,850
suggest that something should come in

435
00:20:07,700 --> 00:20:12,019
outside from from outside witho no it

436
00:20:10,849 --> 00:20:13,789
can't be that can't be that it's it's

437
00:20:12,019 --> 00:20:15,980
quite out you know these things can't

438
00:20:13,789 --> 00:20:16,309
happen and it I think we're all I do it

439
00:20:15,980 --> 00:20:19,069
myself

440
00:20:16,309 --> 00:20:21,159
we're all thinking medieval II what

441
00:20:19,069 --> 00:20:23,629
convinces you more than anything else

442
00:20:21,160 --> 00:20:26,509

the evidence of the men that have seen

443

00:20:23,630 --> 00:20:28,790

them and primarily the behavior and

444

00:20:26,509 --> 00:20:31,579

descriptions of the objects themselves

445

00:20:28,789 --> 00:20:33,769

which do not fit rarely any other

446

00:20:31,579 --> 00:20:36,289

explanation and the Oldfield sighting

447

00:20:33,769 --> 00:20:39,920

this thing which will become any famous

448

00:20:36,289 --> 00:20:41,720

where a couple live in a cottage outside

449

00:20:39,920 --> 00:20:44,660

Manchester took their first airline

450

00:20:41,720 --> 00:20:48,650

journey and they had a board a little

451

00:20:44,660 --> 00:20:50,840

film a little cine camera and they take

452

00:20:48,650 --> 00:20:52,130

pictures down the fields as a couple

453

00:20:50,839 --> 00:20:55,399

would the first time ever been an

454

00:20:52,130 --> 00:20:57,620

aeroplane and she takes what she thinks

455

00:20:55,400 --> 00:21:00,259

is an airplane coming up from behind

456

00:20:57,619 --> 00:21:02,419

them and then it goes out of vision in

457
00:21:00,259 --> 00:21:03,980
about 12 seconds or their bats and she

458
00:21:02,420 --> 00:21:06,380
goes on taking a few more bits of that

459
00:21:03,980 --> 00:21:07,759
their distant clouds that puts back and

460
00:21:06,380 --> 00:21:11,090
when they get what's this thing I mean

461
00:21:07,759 --> 00:21:14,379
it's it's it's inexplicable by any

462
00:21:11,089 --> 00:21:18,579
unless it's a straight fake and to fake

463
00:21:14,380 --> 00:21:22,790
to fake an 8 millimeter film in colour

464
00:21:18,579 --> 00:21:25,009
wants a lot of equipment and who on

465
00:21:22,789 --> 00:21:26,869
earth it is this charming couple what

466
00:21:25,009 --> 00:21:29,210
would they be doing lending themselves

467
00:21:26,869 --> 00:21:32,299
are faking these it it is nothing

468
00:21:29,210 --> 00:21:34,370
airborne we've ever seen I mean this is

469
00:21:32,299 --> 00:21:37,549
a basically sausage shape with

470
00:21:34,369 --> 00:21:40,159
to dorsal to ventral fins and as you

471
00:21:37,549 --> 00:21:41,779
look at this film it turns away on its

472
00:21:40,160 --> 00:21:44,990
vertical axis from your end goes

473
00:21:41,779 --> 00:21:46,940
disappears out that way well I mean you

474
00:21:44,990 --> 00:21:50,259
can argue into are blue in the face what

475
00:21:46,940 --> 00:21:53,029
is it except something that is airborne

476
00:21:50,259 --> 00:21:55,129
by a force probably electrogravitic

477
00:21:53,029 --> 00:21:57,470
forces some kind that we know nothing

478
00:21:55,130 --> 00:21:58,670
whatever about it is nothing

479
00:21:57,470 --> 00:22:00,769
conventional that is nothing

480
00:21:58,670 --> 00:22:04,610
unconventional aerodynamic there's no

481
00:22:00,769 --> 00:22:06,529
single piece of Earth borne equipment of

482
00:22:04,609 --> 00:22:09,889
any kind that can look and behave like

483
00:22:06,529 --> 00:22:12,859
there the old fields indeed had not

484
00:22:09,890 --> 00:22:15,800
faked anything but the UFO in their film

485

00:22:12,859 --> 00:22:18,319
soon proved explainable a few days later

486
00:22:15,799 --> 00:22:20,599
an enterprising BBC cameraman took a

487
00:22:18,319 --> 00:22:23,689
similar camera sat in the same seat and

488
00:22:20,599 --> 00:22:26,659
filmed the same English countryside the

489
00:22:23,690 --> 00:22:29,299
same UFO Hubbard interview went through

490
00:22:26,660 --> 00:22:32,540
the same maneuvers and disappeared into

491
00:22:29,299 --> 00:22:34,970
itself the same way the UFO turned out

492
00:22:32,539 --> 00:22:38,119
to be the reflection of the tail section

493
00:22:34,970 --> 00:22:39,620
of the plane itself the refraction of

494
00:22:38,119 --> 00:22:41,569
light in the Earth's atmosphere is

495
00:22:39,619 --> 00:22:44,269
capable of fooling both the human eye

496
00:22:41,569 --> 00:22:46,970
and the camera lens and that thin

497
00:22:44,269 --> 00:22:49,009
life-giving envelope of atmosphere sets

498
00:22:46,970 --> 00:22:51,500
apart the spaceship earth from its

499
00:22:49,009 --> 00:22:55,220

sister planets as it spins about the Sun

500

00:22:51,500 --> 00:22:57,049

at 66,000 miles per hour one of the

501

00:22:55,220 --> 00:22:59,360

problems connected with man's flight

502

00:22:57,049 --> 00:23:01,460

through this environment arise from the

503

00:22:59,359 --> 00:23:03,939

law of physics governing objects moving

504

00:23:01,460 --> 00:23:07,009

at high speeds through the ocean of air

505

00:23:03,940 --> 00:23:08,900

aircraft moving at high speeds pierce

506

00:23:07,009 --> 00:23:12,410

the air compressed before the plane's

507

00:23:08,900 --> 00:23:15,800

wing a shock wave results it's become

508

00:23:12,410 --> 00:23:18,320

known as a sonic boom even today is

509

00:23:15,799 --> 00:23:20,750

comparatively slow flying military jets

510

00:23:18,319 --> 00:23:22,490

alarm some citizens that run up bills

511

00:23:20,750 --> 00:23:24,980

for the Defense Department each year

512

00:23:22,490 --> 00:23:28,120

from the effect of these shock waves on

513

00:23:24,980 --> 00:23:28,120

populated areas

514
00:23:31,470 --> 00:23:37,360
question why have no UFOs ever created

515
00:23:35,230 --> 00:23:39,400
an identical phenomenon when they're

516
00:23:37,359 --> 00:23:42,339
reported moving at speeds far in excess

517
00:23:39,400 --> 00:23:45,160
of jet planes as this film made by mrs.

518
00:23:42,339 --> 00:23:47,769
Madeleine rotifer in 1965 purports to

519
00:23:45,160 --> 00:23:49,810
show further if the laws of nature

520
00:23:47,769 --> 00:23:51,849
prevent jet aircraft from abruptly

521
00:23:49,809 --> 00:23:54,819
changing direction without breaking up

522
00:23:51,849 --> 00:23:56,740
aircraft and passengers why would a UFO

523
00:23:54,819 --> 00:23:59,319
be exempt from the same effect at

524
00:23:56,740 --> 00:24:01,359
greater speeds the answer most

525
00:23:59,319 --> 00:24:03,939
scientists is that we are not dealing

526
00:24:01,359 --> 00:24:06,939
with material objects from outer space

527
00:24:03,940 --> 00:24:08,259
at all but with lights reflections and

528

00:24:06,940 --> 00:24:10,090

natural phenomena

529

00:24:08,259 --> 00:24:11,890

former director of the Harvard

530

00:24:10,089 --> 00:24:15,299

Observatory now a member of the

531

00:24:11,890 --> 00:24:18,190

Smithsonian professor Donald H Menzel

532

00:24:15,299 --> 00:24:21,069

many people looking up into the sky can

533

00:24:18,190 --> 00:24:24,100

see a bright object on the horizon they

534

00:24:21,069 --> 00:24:28,089

think that this object is a UFO when

535

00:24:24,099 --> 00:24:31,349

actually as we scientists know it can be

536

00:24:28,089 --> 00:24:35,649

an effect of the Earth's atmosphere that

537

00:24:31,349 --> 00:24:37,809

through a layer of hot air that is

538

00:24:35,650 --> 00:24:40,269

entrapped above a layer of cold air near

539

00:24:37,809 --> 00:24:44,139

the ground we get an effect which sure

540

00:24:40,269 --> 00:24:47,230

we call a mirage now to demonstrate this

541

00:24:44,140 --> 00:24:51,160

I have a sort of a hearse atmosphere in

542

00:24:47,230 --> 00:24:52,900
this jar this is a layer of benzene

543
00:24:51,160 --> 00:24:55,990
which is a very high index of refraction

544
00:24:52,900 --> 00:24:58,960
and it acts like a layer of cold air and

545
00:24:55,990 --> 00:25:02,349
I am now putting on top of it floating

546
00:24:58,960 --> 00:25:07,059
on it a layer of acetone which is a

547
00:25:02,349 --> 00:25:09,399
layer of liquid of lesser refractive

548
00:25:07,059 --> 00:25:11,049
index it acts like a layer of higher on

549
00:25:09,400 --> 00:25:14,230
the screen we will see a bright light

550
00:25:11,049 --> 00:25:16,480
that's being projected from the ground

551
00:25:14,230 --> 00:25:19,509
level here and passing through the

552
00:25:16,480 --> 00:25:21,099
acetone on the benzene and now we will

553
00:25:19,509 --> 00:25:23,859
turn out the lights that you see on the

554
00:25:21,099 --> 00:25:26,849
screen that the bright spot of light

555
00:25:23,859 --> 00:25:29,079
that was originally traversing this

556
00:25:26,849 --> 00:25:30,539

artificial atmosphere and appeared at

557

00:25:29,079 --> 00:25:33,609
the top of the screen

558

00:25:30,539 --> 00:25:37,450
gradually dims and

559

00:25:33,609 --> 00:25:40,719
a line of colored light streams out down

560

00:25:37,450 --> 00:25:42,700
below this spot and finally the spot

561

00:25:40,720 --> 00:25:45,819
near the top of the screen disappears

562

00:25:42,700 --> 00:25:48,970
and we see instead a beautifully colored

563

00:25:45,819 --> 00:25:51,250
and rapidly moving spot the colors are

564

00:25:48,970 --> 00:25:54,100
due to refraction the red color

565

00:25:51,250 --> 00:25:58,089
sometimes is attributed to the presence

566

00:25:54,099 --> 00:26:01,539
of a rapidly moving jet the blue color

567

00:25:58,089 --> 00:26:04,449
is sometimes interpreted as a motion

568

00:26:01,539 --> 00:26:07,599
toward the observer is all an effect of

569

00:26:04,450 --> 00:26:10,720
a mirage and yet this has been reported

570

00:26:07,599 --> 00:26:12,189
again and again by experienced pilots

571
00:26:10,720 --> 00:26:16,539
who have thought that they were being

572
00:26:12,190 --> 00:26:20,259
attacked by UFO from outer space this is

573
00:26:16,539 --> 00:26:22,389
a type of sundog ice crystals in an

574
00:26:20,259 --> 00:26:25,329
otherwise transparent atmosphere reflect

575
00:26:22,390 --> 00:26:28,960
light from the Sun and produces a saucer

576
00:26:25,329 --> 00:26:30,668
shaped body that can maneuver rush in

577
00:26:28,960 --> 00:26:32,620
toward the plane or sometimes move

578
00:26:30,669 --> 00:26:35,500
rapidly away as the density of ice

579
00:26:32,619 --> 00:26:38,798
crystals thins out there are brilliant

580
00:26:35,500 --> 00:26:41,919
meteors the shooting stars that flash

581
00:26:38,798 --> 00:26:44,440
through the sky there are many cases on

582
00:26:41,919 --> 00:26:46,990
record where pilot and co-pilot have

583
00:26:44,440 --> 00:26:49,539
seen the identical flyer in front of

584
00:26:46,990 --> 00:26:52,079
their plane and one of them has pulled

585
00:26:49,539 --> 00:26:55,720
up the plane abruptly an attempt to

586
00:26:52,079 --> 00:26:58,418
maneuver to miss it but actually the

587
00:26:55,720 --> 00:27:01,150
other pilot claimed that it was an

588
00:26:58,419 --> 00:27:04,090
object 70 or 100 miles away which

589
00:27:01,150 --> 00:27:06,880
actually it was in addition to mirages

590
00:27:04,089 --> 00:27:08,709
in the atmosphere many physical objects

591
00:27:06,880 --> 00:27:11,169
in the air have been taken for saucers

592
00:27:08,710 --> 00:27:12,610
like this translucent balloon that can

593
00:27:11,169 --> 00:27:16,210
carry instruments up to a hundred

594
00:27:12,609 --> 00:27:18,369
thousand feet Byrd's kites pieces of

595
00:27:16,210 --> 00:27:21,308
paper and the planets have often been

596
00:27:18,369 --> 00:27:23,589
claimed as UFOs but a little bit of

597
00:27:21,308 --> 00:27:25,779
logic goes a long way for those who wish

598
00:27:23,589 --> 00:27:28,109
to be persuaded as we shall see in a

599

00:27:25,779 --> 00:27:28,109
moment

600
00:27:30,960 --> 00:27:36,819
this man used to spend hours writing

601
00:27:33,819 --> 00:27:39,519
medical findings in longhand for the new

602
00:27:36,819 --> 00:27:42,089
IBM 224 dictating unit cured him of

603
00:27:39,519 --> 00:27:42,089
writers cramp

604
00:27:44,309 --> 00:27:52,619
this man used to trust countless details

605
00:27:46,259 --> 00:27:58,799
to memory the new IBM 224 never forgets

606
00:27:52,619 --> 00:28:02,639
anything this woman used to take notes

607
00:27:58,799 --> 00:28:05,579
while checking her merchandise but the

608
00:28:02,640 --> 00:28:09,690
new IBM 224 takes stock of things

609
00:28:05,579 --> 00:28:12,809
quickly and easily at only 28 ounces

610
00:28:09,690 --> 00:28:15,029
this new IBM dictating unit is so small

611
00:28:12,809 --> 00:28:18,000
and so compact that you can use it

612
00:28:15,029 --> 00:28:20,369
anywhere you think at home on trips and

613
00:28:18,000 --> 00:28:20,759

conferences and of course behind your

614

00:28:20,369 --> 00:28:24,539
desk

615

00:28:20,759 --> 00:28:29,069
whatever you do the new IBM 224 can help

616

00:28:24,539 --> 00:28:33,139
you do it better here again is CBS

617

00:28:29,069 --> 00:28:36,299
reports UFO friend foe or Thanos a

618

00:28:33,140 --> 00:28:38,880
saucer fans are often devoted readers of

619

00:28:36,299 --> 00:28:41,700
science fiction much of it is written by

620

00:28:38,880 --> 00:28:43,890
highly respected scientists an even more

621

00:28:41,700 --> 00:28:46,710
popular level the comic book adventures

622

00:28:43,890 --> 00:28:49,800
of Flash Gordon confirm saucer buffs in

623

00:28:46,710 --> 00:28:51,660
the plausibility of their beliefs but

624

00:28:49,799 --> 00:28:54,119
all is not peaceful on the planet Earth

625

00:28:51,660 --> 00:28:57,060
because the saucer addicts are divided

626

00:28:54,119 --> 00:28:59,039
into cults groups and sects that range

627

00:28:57,059 --> 00:29:01,230
from the skeptical sighters who hope

628
00:28:59,039 --> 00:29:03,269
there is a logical answer to the true

629
00:29:01,230 --> 00:29:05,370
believers who feel sure the answer is

630
00:29:03,269 --> 00:29:08,039
being covered up by the military

631
00:29:05,369 --> 00:29:11,369
establishment perhaps the farthest out

632
00:29:08,039 --> 00:29:14,369
group is made up of the contactees they

633
00:29:11,369 --> 00:29:17,129
have met talk to or even ridden with

634
00:29:14,369 --> 00:29:19,289
visitors from outer space here at giant

635
00:29:17,130 --> 00:29:22,350
rock in california's high desert country

636
00:29:19,289 --> 00:29:24,409
one of the pioneer contactees George Van

637
00:29:22,349 --> 00:29:27,929
Tassel talked to CBS news correspondent

638
00:29:24,410 --> 00:29:30,240
bill stout we're writing on a electro

639
00:29:27,930 --> 00:29:33,029
static magnetic ship right now on the

640
00:29:30,240 --> 00:29:34,859
earth doing 66,000 miles an hour right

641
00:29:33,029 --> 00:29:37,230
now in an orbit around the Sun and we're

642
00:29:34,859 --> 00:29:39,509
all astronauts in that respect have you

643
00:29:37,230 --> 00:29:42,259
ever gone up close enough to touch one

644
00:29:39,509 --> 00:29:45,650
to see what was inside bill in

645
00:29:42,259 --> 00:29:48,379
in August the 24th of 1953 I went aboard

646
00:29:45,650 --> 00:29:50,870
one for about 20 minutes what was it

647
00:29:48,380 --> 00:29:53,770
like what happened well the interior

648
00:29:50,869 --> 00:29:56,539
walls were what looked like

649
00:29:53,769 --> 00:30:00,349
mother-of-pearl plastic like we put on

650
00:29:56,539 --> 00:30:02,240
toilet seats and for decoration the

651
00:30:00,349 --> 00:30:05,119
light inside seemed to come from

652
00:30:02,240 --> 00:30:06,920
everywhere the instrument panel wasn't

653
00:30:05,119 --> 00:30:10,849
like anything I'd ever seen before and

654
00:30:06,920 --> 00:30:14,539
all of my years since 1927 in the air

655
00:30:10,849 --> 00:30:17,359
game and they had a compartment in the

656

00:30:14,539 --> 00:30:20,659
wall which both cleans and deodorizes

657
00:30:17,359 --> 00:30:23,929
our clothes by some light process which

658
00:30:20,660 --> 00:30:27,200
required no water soap or detergents or

659
00:30:23,930 --> 00:30:29,420
washing machine giant rock for the last

660
00:30:27,200 --> 00:30:32,240
10 years has been the Plymouth Rock of

661
00:30:29,420 --> 00:30:34,070
the saucer age saucer conventions were

662
00:30:32,240 --> 00:30:35,569
meeting here as far back as the pre

663
00:30:34,069 --> 00:30:38,450
astronaut era of black-and-white

664
00:30:35,569 --> 00:30:41,689
television but the contactees storyline

665
00:30:38,450 --> 00:30:43,039
was the same then as now how did it tell

666
00:30:41,690 --> 00:30:45,500
us in your own words about your trip to

667
00:30:43,039 --> 00:30:47,389
Venus how it started well as I say it

668
00:30:45,500 --> 00:30:50,839
started first with a very decided

669
00:30:47,390 --> 00:30:53,780
tingling all over my body the ceiling

670
00:30:50,839 --> 00:30:56,419

finally extended to the mind area and

671

00:30:53,779 --> 00:30:58,819

there was a clarification of mine such

672

00:30:56,420 --> 00:31:01,279

as it's hard to believe I seemed to

673

00:30:58,819 --> 00:31:03,159

become one with the entire universe it

674

00:31:01,279 --> 00:31:04,430

suit in the Valhalla of interplanetary

675

00:31:03,160 --> 00:31:06,920

contactees

676

00:31:04,430 --> 00:31:08,480

the late George Adamski is regarded by

677

00:31:06,920 --> 00:31:10,670

his followers as something of a

678

00:31:08,480 --> 00:31:13,339

Christopher Columbus among outer space

679

00:31:10,670 --> 00:31:15,500

voyagers and you talk to him yet I have

680

00:31:13,339 --> 00:31:17,179

more or less on gestures and mental

681

00:31:15,500 --> 00:31:19,400

telepathy as if there's no untaught

682

00:31:17,180 --> 00:31:21,410

transfer he does not speak I mean it

683

00:31:19,400 --> 00:31:22,790

didn't at the time but I have met him

684

00:31:21,410 --> 00:31:24,759

since and he does speak very well

685
00:31:22,789 --> 00:31:27,289
English as well as in the other language

686
00:31:24,759 --> 00:31:29,390
George Adamski was successful in

687
00:31:27,289 --> 00:31:31,940
attracting many disciples with film like

688
00:31:29,390 --> 00:31:35,300
this he called it a spaceship from Venus

689
00:31:31,940 --> 00:31:37,309
his critics call it a crude hoax this

690
00:31:35,299 --> 00:31:40,159
film was obtained from one of Adamski's

691
00:31:37,309 --> 00:31:42,470
disciples Mrs. Madeline Rotifer who has

692
00:31:40,160 --> 00:31:44,450
made her own UFO film and who credits

693
00:31:42,470 --> 00:31:47,750
Adamski with an assist in her first

694
00:31:44,450 --> 00:31:50,090
contact with Venetians some of them have

695
00:31:47,750 --> 00:31:53,180
even been to our home and the day that

696
00:31:50,089 --> 00:31:55,269
the one came into the yard which I

697
00:31:53,180 --> 00:31:58,299
filmed on the camera

698
00:31:55,269 --> 00:32:00,460
there were three inside the ship major

699
00:31:58,299 --> 00:32:02,289
Keyhoe and his nightcap organization

700
00:32:00,460 --> 00:32:06,039
have little regard for the likes of

701
00:32:02,289 --> 00:32:07,599
contactees rotifer and Adamski they lean

702
00:32:06,039 --> 00:32:10,750
heavily on the testimony of

703
00:32:07,599 --> 00:32:14,349
professionals according to the United

704
00:32:10,750 --> 00:32:16,240
States Air Force in following a policy

705
00:32:14,349 --> 00:32:21,719
which is set probably fairly high in the

706
00:32:16,240 --> 00:32:25,059
Pentagon there are about 250 or 300

707
00:32:21,720 --> 00:32:27,039
extremely incompetent airline and

708
00:32:25,059 --> 00:32:29,859
military pilots in this country they're

709
00:32:27,039 --> 00:32:33,519
carrying passengers they fly across the

710
00:32:29,859 --> 00:32:35,559
oceans and they seem to be quite safe

711
00:32:33,519 --> 00:32:38,910
the airlines let them continue to fly

712
00:32:35,559 --> 00:32:41,529
even though they have reported UFOs now

713

00:32:38,910 --> 00:32:43,900
this is not an attack on the air force

714
00:32:41,529 --> 00:32:47,470
spokesman or the project spokesman they

715
00:32:43,900 --> 00:32:49,990
are simply following orders to explain

716
00:32:47,470 --> 00:32:52,440
away all UFO sightings as quickly as

717
00:32:49,990 --> 00:32:55,720
possible when they become public and

718
00:32:52,440 --> 00:32:58,570
deny that UFOs really exist

719
00:32:55,720 --> 00:33:01,120
the official air force reply has long

720
00:32:58,569 --> 00:33:03,369
been that there is no cover-up and there

721
00:33:01,119 --> 00:33:06,129
are no flying saucers from outer space

722
00:33:03,369 --> 00:33:07,839
the air force position was the tailed in

723
00:33:06,130 --> 00:33:08,290
this book by Lieutenant Colonel Lawrence

724
00:33:07,839 --> 00:33:10,179
tacker

725
00:33:08,289 --> 00:33:12,579
who for many years was connected with

726
00:33:10,180 --> 00:33:15,430
the UFO project we're kind of in the

727
00:33:12,579 --> 00:33:17,919

position of the man who's asked have you

728

00:33:15,430 --> 00:33:19,810

stopped beating your wife this has been

729

00:33:17,920 --> 00:33:24,100

going on for 19 years

730

00:33:19,809 --> 00:33:25,629

the charges are absolutely untrue you

731

00:33:24,099 --> 00:33:29,879

could characterize them as being a

732

00:33:25,630 --> 00:33:31,960

senseless and vicious our critics

733

00:33:29,880 --> 00:33:33,580

continually charge that the United

734

00:33:31,960 --> 00:33:35,440

States Air Force is withholding

735

00:33:33,579 --> 00:33:39,389

information from the general public on

736

00:33:35,440 --> 00:33:42,430

this subject this is absolutely untrue

737

00:33:39,390 --> 00:33:43,630

we are not hiding anything we have

738

00:33:42,430 --> 00:33:46,660

nothing to hide

739

00:33:43,630 --> 00:33:48,370

there is nothing in f4 s-- files in

740

00:33:46,660 --> 00:33:50,740

either the classified files or the

741

00:33:48,369 --> 00:33:54,250

unclassified files that come to a

742
00:33:50,740 --> 00:33:57,009
conclusion that spaceships have visited

743
00:33:54,250 --> 00:34:00,309
the earth the Air Force investigative

744
00:33:57,009 --> 00:34:03,190
unit is known as Project Blue Book UFO

745
00:34:00,309 --> 00:34:05,559
reports hoaxes or serious sightings wind

746
00:34:03,190 --> 00:34:06,820
up here at wright-patterson Air Field in

747
00:34:05,559 --> 00:34:09,699
Dayton Ohio

748
00:34:06,819 --> 00:34:12,069
it has studied over 10,000 UFO sightings

749
00:34:09,699 --> 00:34:16,629
and found explanations for most of them

750
00:34:12,070 --> 00:34:19,269
but about 650 remain unidentified not

751
00:34:16,630 --> 00:34:22,619
enough information to explain them the

752
00:34:19,269 --> 00:34:25,210
hoax is however or easy to explain a

753
00:34:22,619 --> 00:34:27,849
rocket nose cone turns out to be a

754
00:34:25,210 --> 00:34:30,880
magnesium anode used by water companies

755
00:34:27,849 --> 00:34:31,630
to protect their pipes a rock from outer

756
00:34:30,880 --> 00:34:34,269
space

757
00:34:31,630 --> 00:34:36,789
actually fused by a high tension line

758
00:34:34,269 --> 00:34:39,730
which shorted out the finder said this

759
00:34:36,789 --> 00:34:42,250
was food from outer space the Food and

760
00:34:39,730 --> 00:34:45,909
Drug Administration analyzed it as old

761
00:34:42,250 --> 00:34:48,130
fashioned buckwheat cakes hoaxes are

762
00:34:45,909 --> 00:34:49,928
easy to discount but the Air Force

763
00:34:48,130 --> 00:34:53,320
insists that treats serious reports

764
00:34:49,929 --> 00:34:55,720
seriously chief scientific consultant of

765
00:34:53,320 --> 00:34:58,059
Project Blue Book is Professor J Allen

766
00:34:55,719 --> 00:35:00,519
Hynek head of the Durbin Observatory at

767
00:34:58,059 --> 00:35:03,400
Northwestern University he took on the

768
00:35:00,519 --> 00:35:06,280
assignment 18 years ago he talked with

769
00:35:03,400 --> 00:35:08,650
Joseph worshipper of CBS reports is it

770

00:35:06,280 --> 00:35:10,570
in the realm of possibility that there

771
00:35:08,650 --> 00:35:14,619
are spaceships someplace in this

772
00:35:10,570 --> 00:35:16,380
universe well if you put it in the word

773
00:35:14,619 --> 00:35:18,489
used the word possibility and not

774
00:35:16,380 --> 00:35:20,950
probability then I would have to say I

775
00:35:18,489 --> 00:35:24,789
think as any scientist would have to say

776
00:35:20,949 --> 00:35:26,649
it is certainly possible yes but I think

777
00:35:24,789 --> 00:35:29,050
we must always distinguish between the

778
00:35:26,650 --> 00:35:31,389
two terms possible and probable I think

779
00:35:29,050 --> 00:35:33,160
maybe scientifically possible but the

780
00:35:31,389 --> 00:35:35,679
probability of it's occurring may be

781
00:35:33,159 --> 00:35:37,989
extremely small see to this time there

782
00:35:35,679 --> 00:35:41,139
is no proof that I would consider a

783
00:35:37,989 --> 00:35:44,129
valid scientific proof that we have been

784
00:35:41,139 --> 00:35:49,349

visited by spaceships I would say the

785

00:35:44,130 --> 00:35:52,900

great majority are balloons meteors

786

00:35:49,349 --> 00:35:56,639

satellites aircraft seen with the Sun

787

00:35:52,900 --> 00:35:59,410

glinting off of them and the birds and

788

00:35:56,639 --> 00:36:02,259

then you then you get into a host of

789

00:35:59,409 --> 00:36:04,480

minor things but in general you can say

790

00:36:02,260 --> 00:36:07,240

that the IFO was identified ones have

791

00:36:04,480 --> 00:36:09,369

turned out to be generally quite usual

792

00:36:07,239 --> 00:36:12,219

things seen under unusual circumstances

793

00:36:09,369 --> 00:36:15,579

or surprising circumstances it's a it's

794

00:36:12,219 --> 00:36:17,289

a global thing what it is please don't

795

00:36:15,579 --> 00:36:18,199

ask me I are I'm still puzzled this

796

00:36:17,289 --> 00:36:20,079

might

797

00:36:18,199 --> 00:36:28,219

you might call me a study in Parliament

798

00:36:20,079 --> 00:36:30,410

but that among the tremendous noise are

799

00:36:28,219 --> 00:36:32,358

static or crowd or whatever you want to

800

00:36:30,409 --> 00:36:34,489

call it of tremendous number of

801

00:36:32,358 --> 00:36:39,019

unreliable reports that are easily

802

00:36:34,489 --> 00:36:41,899

explained there is this residue of most

803

00:36:39,019 --> 00:36:43,429

interesting cases that intrigue me in

804

00:36:41,900 --> 00:36:45,170

the same way that a good mystery story

805

00:36:43,429 --> 00:36:47,598

intrigues me and I'd like to get the

806

00:36:45,170 --> 00:36:50,358

solution I don't think it is space

807

00:36:47,599 --> 00:36:51,950

people although I would be delighted if

808

00:36:50,358 --> 00:36:53,869

it turned out that way because there's

809

00:36:51,949 --> 00:36:55,489

an astronomer I think it would make

810

00:36:53,869 --> 00:36:58,070

astronomy even more interesting than it

811

00:36:55,489 --> 00:36:59,719

is and as far as the air force is

812

00:36:58,070 --> 00:37:03,740

concerned I can't speak for them of

813
00:36:59,719 --> 00:37:05,959
course but I should imagine that if the

814
00:37:03,739 --> 00:37:08,179
establish the existence of spacecraft

815
00:37:05,960 --> 00:37:09,619
were really established it would really

816
00:37:08,179 --> 00:37:12,919
increase the appropriations of the air

817
00:37:09,619 --> 00:37:15,530
force but how do you answer the people

818
00:37:12,920 --> 00:37:18,650
who are pretty competent careful

819
00:37:15,530 --> 00:37:21,079
cautious probing people pilots radar

820
00:37:18,650 --> 00:37:23,630
trackers those are particularly the

821
00:37:21,079 --> 00:37:26,359
people that I like to talk to because

822
00:37:23,630 --> 00:37:28,250
they have they understand where angular

823
00:37:26,358 --> 00:37:29,779
rates are they understand scientific

824
00:37:28,250 --> 00:37:31,338
terminology I can ask them what was the

825
00:37:29,780 --> 00:37:34,190
altitude and azimuth when you first saw

826
00:37:31,338 --> 00:37:37,130
what was it's as an altitude when it

827

00:37:34,190 --> 00:37:39,108
disappeared what was it what was it

828
00:37:37,130 --> 00:37:40,550
angular acceleration they can give you

829
00:37:39,108 --> 00:37:40,909
an intelligent answer the thing like

830
00:37:40,550 --> 00:37:43,280
that

831
00:37:40,909 --> 00:37:45,049
what is your answer the people who are

832
00:37:43,280 --> 00:37:46,849
sure there are spaceships and they say

833
00:37:45,050 --> 00:37:48,859
that you and the air force are in

834
00:37:46,849 --> 00:37:50,510
cahoots first of all this business about

835
00:37:48,858 --> 00:37:53,299
being in cahoots is just simply a

836
00:37:50,510 --> 00:37:55,730
downright falsehood and if they insist

837
00:37:53,300 --> 00:37:59,180
that space vehicles exist I say Oh fine

838
00:37:55,730 --> 00:38:01,699
the burden of proof is on you how thin

839
00:37:59,179 --> 00:38:04,489
is the dividing line between science and

840
00:38:01,699 --> 00:38:07,489
science fiction what do we know of outer

841
00:38:04,489 --> 00:38:09,709

space is there anyone out there and are

842

00:38:07,489 --> 00:38:11,769

they headed our way that part of the

843

00:38:09,710 --> 00:38:14,809

story in a moment

844

00:38:11,769 --> 00:38:17,500

let's try is fee to say ten knots and a

845

00:38:14,809 --> 00:38:19,509

rudder angle of 27 degrees and

846

00:38:17,500 --> 00:38:21,369

on that episode I have these Navy men

847

00:38:19,510 --> 00:38:29,080

are asking a machine to solve a most

848

00:38:21,369 --> 00:38:31,389

intricate problem go find the red green

849

00:38:29,079 --> 00:38:33,880

and violet Preston is at the same time

850

00:38:31,389 --> 00:38:38,619

miles away these chemists are asking it

851

00:38:33,880 --> 00:38:41,380

to work on their problem 48 point or 9

852

00:38:38,619 --> 00:38:44,079

that Center at the same time somewhere

853

00:38:41,380 --> 00:38:47,440

else the same thing they're all sharing

854

00:38:44,079 --> 00:38:50,230

a powerful IBM computer 50 companies can

855

00:38:47,440 --> 00:38:52,570

now use one computer at one time and all

856
00:38:50,230 --> 00:38:55,570
50 get their answers immediately this is

857
00:38:52,570 --> 00:38:57,820
time sharing you don't need to own the

858
00:38:55,570 --> 00:39:01,630
computer or go where it is or be an

859
00:38:57,820 --> 00:39:03,940
experienced computer user just rent one

860
00:39:01,630 --> 00:39:06,039
of these and you're in command of a

861
00:39:03,940 --> 00:39:08,230
distant computer suppose you're blending

862
00:39:06,039 --> 00:39:12,420
a new lipstick calculating color

863
00:39:08,230 --> 00:39:12,420
quantities can take hours but now

864
00:39:14,090 --> 00:39:18,119
[Music]

865
00:39:15,719 --> 00:39:20,009
or you want to know how large a rudder

866
00:39:18,119 --> 00:39:22,500
is needed to maneuver a ship before

867
00:39:20,010 --> 00:39:24,510
building it analyzing the data collected

868
00:39:22,500 --> 00:39:28,849
from this Navy scale model takes days to

869
00:39:24,510 --> 00:39:31,680
do by hand but now you can swing around

870
00:39:28,849 --> 00:39:34,318
type in the data and have the answer

871
00:39:31,679 --> 00:39:36,509
back in seconds your question goes out

872
00:39:34,318 --> 00:39:38,369
over ordinary telephone line into the

873
00:39:36,510 --> 00:39:40,170
central computer along with the

874
00:39:38,369 --> 00:39:42,420
questions of anyone else who has a

875
00:39:40,170 --> 00:39:44,909
problem at that very moment the computer

876
00:39:42,420 --> 00:39:47,039
is so incredibly fast that answers are

877
00:39:44,909 --> 00:39:50,219
flashed back almost before the fingers

878
00:39:47,039 --> 00:39:53,699
leave the keys with this time sharing

879
00:39:50,219 --> 00:39:57,529
system an IBM computer is now available

880
00:39:53,699 --> 00:39:57,529
to anyone anywhere

881
00:40:03,039 --> 00:40:06,239
[Music]

882
00:40:09,969 --> 00:40:16,359
[Music]

883
00:40:12,210 --> 00:40:19,449
CBS reports UFO friend foe or fantasy

884

00:40:16,360 --> 00:40:21,309
continues with Walter Cronkite much of

885
00:40:19,449 --> 00:40:24,069
science when we look at it close-up

886
00:40:21,309 --> 00:40:26,019
looks like fiction those are charged a

887
00:40:24,070 --> 00:40:28,240
conspiracy is being carried on by

888
00:40:26,019 --> 00:40:30,789
scientists and the military to cover-up

889
00:40:28,239 --> 00:40:33,909
visitations from outer space use that

890
00:40:30,789 --> 00:40:36,539
charge to explain why no UFOs have been

891
00:40:33,909 --> 00:40:39,609
reported by our space defense system

892
00:40:36,539 --> 00:40:42,039
well this is a dangerous game like

893
00:40:39,610 --> 00:40:44,200
yelling fire in a crowded theater we're

894
00:40:42,039 --> 00:40:46,929
in this hydrogen bomb and missile age

895
00:40:44,199 --> 00:40:49,750
the Air Force has the job of turning the

896
00:40:46,929 --> 00:40:51,969
unidentified into identified objects in

897
00:40:49,750 --> 00:40:54,340
a matter of moments there's no time for

898
00:40:51,969 --> 00:40:56,799

theory and conjecture because any

899

00:40:54,340 --> 00:40:59,440

unidentified object with sound warning

900

00:40:56,800 --> 00:41:00,580

Klaxons around the world thousands of

901

00:40:59,440 --> 00:41:03,369

people would have to know about it

902

00:41:00,579 --> 00:41:06,519

instantly it's literally true that what

903

00:41:03,369 --> 00:41:08,440

we don't know could kill us CBS News

904

00:41:06,519 --> 00:41:12,610

correspondent Bill stock reports from

905

00:41:08,440 --> 00:41:14,530

Colorado Springs this is where they

906

00:41:12,610 --> 00:41:18,250

watch everything that flies over or

907

00:41:14,530 --> 00:41:20,200

close to North America the combat

908

00:41:18,250 --> 00:41:22,780

operations center for NORAD the North

909

00:41:20,199 --> 00:41:24,489

American Air Defense Command thousands

910

00:41:22,780 --> 00:41:27,100

of items of information pour in here

911

00:41:24,489 --> 00:41:28,899

from radar stations outposts ships and

912

00:41:27,099 --> 00:41:30,819

aircraft scattered all across the

913
00:41:28,900 --> 00:41:34,119
hemisphere data that's sorted and

914
00:41:30,820 --> 00:41:35,769
displayed on this screen all routine

915
00:41:34,119 --> 00:41:38,559
flights commercial and private are

916
00:41:35,769 --> 00:41:40,230
filtered out those of special interest

917
00:41:38,559 --> 00:41:43,079
to air defense are shown as arrows

918
00:41:40,230 --> 00:41:45,639
yellow is the Strategic Air Command

919
00:41:43,079 --> 00:41:48,639
Green is for special interest flights

920
00:41:45,639 --> 00:41:52,210
such as President Johnson's plane orange

921
00:41:48,639 --> 00:41:55,059
is unknown after they're identified that

922
00:41:52,210 --> 00:41:58,389
color has changed red is hostile a color

923
00:41:55,059 --> 00:42:00,369
used so far only in practice all this

924
00:41:58,389 --> 00:42:02,139
and much more goes into the decisions

925
00:42:00,369 --> 00:42:04,690
that are made right here in this room a

926
00:42:02,139 --> 00:42:06,969
24-hour watch kept by men of the Air

927

00:42:04,690 --> 00:42:09,619

Force Army Navy

928

00:42:06,969 --> 00:42:12,679

they see everything that's in the sky

929

00:42:09,619 --> 00:42:14,900

they have two and one of them is captain

930

00:42:12,679 --> 00:42:17,629

Gary Reese an Air Force radar officer

931

00:42:14,900 --> 00:42:19,550

with the Air Defense Command is that

932

00:42:17,630 --> 00:42:22,010

right captain you see everything that's

933

00:42:19,550 --> 00:42:23,690

up there yes that's right bill but the

934

00:42:22,010 --> 00:42:26,750

characteristics of our present radar

935

00:42:23,690 --> 00:42:29,240

system any object which has reflective

936

00:42:26,750 --> 00:42:31,280

surfaces and which stays within our

937

00:42:29,239 --> 00:42:33,618

radar coverage which is virtually every

938

00:42:31,280 --> 00:42:35,960

square foot of the United States will be

939

00:42:33,619 --> 00:42:38,390

painted on our radar screens but how

940

00:42:35,960 --> 00:42:40,449

good are you captain how large an object

941

00:42:38,389 --> 00:42:44,029
can you see if it is reflective and

942
00:42:40,449 --> 00:42:46,099
let's say larger than a watermelon is a

943
00:42:44,030 --> 00:42:48,350
crude example and within our radar

944
00:42:46,099 --> 00:42:51,019
coverage we should paint it you talk

945
00:42:48,349 --> 00:42:52,250
about the reflective properties of an

946
00:42:51,019 --> 00:42:55,280
object in the sky

947
00:42:52,250 --> 00:42:58,340
is it possible captain that there are

948
00:42:55,280 --> 00:43:01,880
things up there native material your

949
00:42:58,340 --> 00:43:04,610
radar will not pick up so far as we know

950
00:43:01,880 --> 00:43:07,190
all flying objects are composed of

951
00:43:04,610 --> 00:43:10,250
materials which are aerodynamic and

952
00:43:07,190 --> 00:43:13,429
which do have a reflective surface upon

953
00:43:10,250 --> 00:43:15,469
which radar waves can be bounced it's

954
00:43:13,429 --> 00:43:17,750
possible that there are other types of

955
00:43:15,469 --> 00:43:19,909

material however I doubt it

956

00:43:17,750 --> 00:43:21,829

has there ever been a report of a flying

957

00:43:19,909 --> 00:43:24,259

saucer captain that was translated into

958

00:43:21,829 --> 00:43:25,489

hard information right here a plot on

959

00:43:24,260 --> 00:43:28,640

the board in this room

960

00:43:25,489 --> 00:43:30,858

I don't think so bill for the reason

961

00:43:28,639 --> 00:43:32,900

that these sightings have never been

962

00:43:30,858 --> 00:43:35,900

substantiated and could not be

963

00:43:32,900 --> 00:43:38,030

translated into hard radar return

964

00:43:35,900 --> 00:43:39,320

figures there have been sightings then

965

00:43:38,030 --> 00:43:42,200

but they turned out to be other things

966

00:43:39,320 --> 00:43:45,400

airplanes or balloons have never a

967

00:43:42,199 --> 00:43:48,108

saucer you see everything up to roughly

968

00:43:45,400 --> 00:43:50,329

100,000 feet yes that's right up to

969

00:43:48,108 --> 00:43:52,579

approximately 100,000 feet at which

970
00:43:50,329 --> 00:43:54,940
point the space tracking network takes

971
00:43:52,579 --> 00:43:54,940
over

972
00:43:55,108 --> 00:43:59,429
the space tracking network also in

973
00:43:57,420 --> 00:44:01,650
Colorado Springs is charged with

974
00:43:59,429 --> 00:44:04,228
tracking and logging every object that

975
00:44:01,650 --> 00:44:06,450
moves in space around the Earth from a

976
00:44:04,228 --> 00:44:06,989
hundred thousand feet to two thousand

977
00:44:06,449 --> 00:44:09,778
miles

978
00:44:06,989 --> 00:44:12,088
bill stout asked major Albert Morse just

979
00:44:09,778 --> 00:44:15,568
how good the surveillance is as an

980
00:44:12,088 --> 00:44:20,099
example of some of our precision we have

981
00:44:15,568 --> 00:44:22,858
here a photo of a object re-entering the

982
00:44:20,099 --> 00:44:25,259
Earth's atmosphere through our programs

983
00:44:22,858 --> 00:44:26,778
we were able to predict a precise time

984
00:44:25,259 --> 00:44:30,599
that this was going to happen and

985
00:44:26,778 --> 00:44:32,009
notified a a particular agency who then

986
00:44:30,599 --> 00:44:34,880
went out with a camera and was able to

987
00:44:32,009 --> 00:44:36,778
obtain this photograph what altitude

988
00:44:34,880 --> 00:44:38,519
this is just entering the Earth's

989
00:44:36,778 --> 00:44:41,789
atmosphere somewhere around four hundred

990
00:44:38,518 --> 00:44:43,738
thousand feet in keeping track on this

991
00:44:41,789 --> 00:44:46,380
board you follow not only ours but

992
00:44:43,739 --> 00:44:49,009
Russian Canadian French yes sir

993
00:44:46,380 --> 00:44:51,599
everything that has been launched so far

994
00:44:49,009 --> 00:44:55,139
could there be objects in the heavens

995
00:44:51,599 --> 00:44:57,869
that you cannot see yes sir there

996
00:44:55,139 --> 00:45:01,650
possibly could be however if they do

997
00:44:57,869 --> 00:45:03,749
have a reflectivity to a radar and obey

998

00:45:01,650 --> 00:45:06,749
the physical properties these can be

999
00:45:03,748 --> 00:45:09,149
tracked by our system how far out can

1000
00:45:06,748 --> 00:45:12,118
you see and how small an object could

1001
00:45:09,150 --> 00:45:13,979
you see well our general limits are a

1002
00:45:12,119 --> 00:45:15,150
one square meter target at approximately

1003
00:45:13,978 --> 00:45:18,868
2,000 nautical miles

1004
00:45:15,150 --> 00:45:20,789
if radar has not picked up any UFOs what

1005
00:45:18,869 --> 00:45:23,160
then of the argument that they are not

1006
00:45:20,789 --> 00:45:25,528
made of earthly material sensitive to

1007
00:45:23,159 --> 00:45:27,420
radar reflections while most saucer

1008
00:45:25,528 --> 00:45:29,579
sightings report bright lights which

1009
00:45:27,420 --> 00:45:31,829
should be picked up by cameras and light

1010
00:45:29,579 --> 00:45:33,900
sensitive film the Smithsonian

1011
00:45:31,829 --> 00:45:36,509
Astrophysical Observatory has a network

1012
00:45:33,900 --> 00:45:38,670

of sixteen automatic camera stations in

1013

00:45:36,509 --> 00:45:41,608

the Midwestern United States that covers

1014

00:45:38,670 --> 00:45:46,170

approximately 300,000 square miles of

1015

00:45:41,608 --> 00:45:48,119

sky we asked dr. Robert McCroskey

1016

00:45:46,170 --> 00:45:52,380

director of sae-oh is Prairie meteorite

1017

00:45:48,119 --> 00:45:54,840

Network it show us how it works this is

1018

00:45:52,380 --> 00:45:57,329

a one-sixth model

1019

00:45:54,840 --> 00:46:00,510

as the actual building is six feet by

1020

00:45:57,329 --> 00:46:03,059

six feet it has in it four cameras which

1021

00:46:00,510 --> 00:46:07,260

appear through the windows in the roof

1022

00:46:03,059 --> 00:46:10,259

these are aerial mapping cameras they

1023

00:46:07,260 --> 00:46:12,240

have 45 degrees from Center to corner

1024

00:46:10,260 --> 00:46:15,120

between the four cameras they cover

1025

00:46:12,239 --> 00:46:17,819

essentially the entire sky above ten

1026

00:46:15,119 --> 00:46:21,210

degrees elevation the station is

1027
00:46:17,820 --> 00:46:23,970
operated automatically it has turned on

1028
00:46:21,210 --> 00:46:27,139
at nightfall by these light sensors and

1029
00:46:23,969 --> 00:46:29,309
turned off again shortly before dawn and

1030
00:46:27,139 --> 00:46:33,359
during this time photographs

1031
00:46:29,309 --> 00:46:36,360
continuously the cameras hold about six

1032
00:46:33,360 --> 00:46:38,970
weeks supply of film that's recovered

1033
00:46:36,360 --> 00:46:41,640
each week and returned to us the exposed

1034
00:46:38,969 --> 00:46:46,139
portions return each week to us we have

1035
00:46:41,639 --> 00:46:49,589
a photograph here of extremely bright

1036
00:46:46,139 --> 00:46:52,619
object that occurred last November you

1037
00:46:49,590 --> 00:46:56,309
see the meteor stretched along the

1038
00:46:52,619 --> 00:46:59,039
straight line it is broken every 24 the

1039
00:46:56,309 --> 00:47:00,840
second by a shutter the shutter brakes

1040
00:46:59,039 --> 00:47:03,389
permit us to determine the velocity and

1041
00:47:00,840 --> 00:47:06,059
then the orbit of the body in the past

1042
00:47:03,389 --> 00:47:08,579
15 months working during the night time

1043
00:47:06,059 --> 00:47:09,269
during clear nights we have not

1044
00:47:08,579 --> 00:47:11,819
photographed

1045
00:47:09,269 --> 00:47:15,239
anything with cameras that cover

1046
00:47:11,820 --> 00:47:18,750
essentially the entire sky that we did

1047
00:47:15,239 --> 00:47:20,819
not understand dr. mcroskey does the

1048
00:47:18,750 --> 00:47:23,630
Smithsonian have other networks that

1049
00:47:20,820 --> 00:47:26,580
feed information into the whole system

1050
00:47:23,630 --> 00:47:30,210
yes we we have the satellite tracking

1051
00:47:26,579 --> 00:47:32,670
network of its 12 stations about the

1052
00:47:30,210 --> 00:47:35,820
world at each of these stations we have

1053
00:47:32,670 --> 00:47:38,250
a large specialized camera for tracking

1054
00:47:35,820 --> 00:47:42,059
satellites this is a model of one of

1055

00:47:38,250 --> 00:47:48,559
them here in size it's about 10 feet

1056
00:47:42,059 --> 00:47:51,570
high the aperture is 20 inches is 0.8

1057
00:47:48,559 --> 00:47:53,210
this camera is built so that it is

1058
00:47:51,570 --> 00:47:57,000
possible for to track along the

1059
00:47:53,210 --> 00:48:00,769
trajectory of a satellite and can in

1060
00:47:57,000 --> 00:48:02,570
fact photograph a six-inch shiny sphere

1061
00:48:00,769 --> 00:48:05,269
at the distance of the moon at the

1062
00:48:02,570 --> 00:48:06,980
destiny of the moon yes which is show me

1063
00:48:05,269 --> 00:48:09,170
a picture of something that's come from

1064
00:48:06,980 --> 00:48:12,469
that kind of camera yes not a meteor

1065
00:48:09,170 --> 00:48:15,940
photograph but one of satellite in fact

1066
00:48:12,469 --> 00:48:19,909
two satellites this is the Gemini

1067
00:48:15,940 --> 00:48:22,010
rendezvous when the two Germany capsules

1068
00:48:19,909 --> 00:48:24,619
were within about three miles of each

1069
00:48:22,010 --> 00:48:26,840

other but in all of the pictures that

1070

00:48:24,619 --> 00:48:29,989

you've ever seen also from this type of

1071

00:48:26,840 --> 00:48:32,930

device again nothing has ever shown up

1072

00:48:29,989 --> 00:48:35,539

in any of them that somebody would call

1073

00:48:32,929 --> 00:48:37,009

an unidentified flying object not that

1074

00:48:35,539 --> 00:48:37,610

we would call an unidentified flying

1075

00:48:37,010 --> 00:48:41,000

object

1076

00:48:37,610 --> 00:48:43,250

no since there are no bogeys on radar

1077

00:48:41,000 --> 00:48:45,679

that can remain unknown for long and

1078

00:48:43,250 --> 00:48:48,949

there is no photographic evidence

1079

00:48:45,679 --> 00:48:50,869

let's go farther out the expanding

1080

00:48:48,949 --> 00:48:53,239

knowledge of what lies beyond our planet

1081

00:48:50,869 --> 00:48:55,460

has made it respectable to speculate

1082

00:48:53,239 --> 00:48:58,009

about the possibility of life elsewhere

1083

00:48:55,460 --> 00:49:00,110

but that knowledge also makes it more

1084
00:48:58,010 --> 00:49:03,500
difficult to conceive of interstellar

1085
00:49:00,110 --> 00:49:06,470
space vehicles instrumented space probes

1086
00:49:03,500 --> 00:49:09,110
like Mariner flying by Venus and taking

1087
00:49:06,469 --> 00:49:11,269
pictures of the surface of Mars radar

1088
00:49:09,110 --> 00:49:13,309
signals from Earth bounced off planetary

1089
00:49:11,269 --> 00:49:16,070
surfaces and monitored on giant and can

1090
00:49:13,309 --> 00:49:18,320
I like these have thus far tended to

1091
00:49:16,070 --> 00:49:21,530
confirm that if there is life there at

1092
00:49:18,320 --> 00:49:24,380
all it is in elementary form not the

1093
00:49:21,530 --> 00:49:27,500
sort to construct UFOs for exploration

1094
00:49:24,380 --> 00:49:29,630
of Earth as for what lies beyond our

1095
00:49:27,500 --> 00:49:32,840
planetary system it's well to remember

1096
00:49:29,630 --> 00:49:35,200
that our Sun is a tiny star placed near

1097
00:49:32,840 --> 00:49:38,240
the edge of our galaxy the Milky Way

1098
00:49:35,199 --> 00:49:40,399
each of these nebulae are composed of

1099
00:49:38,239 --> 00:49:42,949
millions of Suns which might have their

1100
00:49:40,400 --> 00:49:44,930
own planetary systems where life that

1101
00:49:42,949 --> 00:49:47,779
various stages of development might

1102
00:49:44,929 --> 00:49:50,929
exist but the nearest star like our Sun

1103
00:49:47,780 --> 00:49:53,540
is Proxima Centauri it is a million

1104
00:49:50,929 --> 00:49:56,299
times farther away from Earth than the

1105
00:49:53,539 --> 00:49:58,130
nearest planet if it had planets around

1106
00:49:56,300 --> 00:50:00,410
it and was inhabited by intelligent

1107
00:49:58,130 --> 00:50:02,420
beings capable of travel through the

1108
00:50:00,409 --> 00:50:06,440
galaxy they would have to construct

1109
00:50:02,420 --> 00:50:09,490
spaceships that traveled at 670 million

1110
00:50:06,440 --> 00:50:12,230
miles per hour the speed of light a

1111
00:50:09,489 --> 00:50:13,709
round-trip from the vicinity of Proxima

1112

00:50:12,230 --> 00:50:15,389
Centauri to earth

1113
00:50:13,710 --> 00:50:19,170
would take more than eight and a half

1114
00:50:15,389 --> 00:50:21,029
years of Earth time so those scientists

1115
00:50:19,170 --> 00:50:23,610
were inclined to think the universe may

1116
00:50:21,030 --> 00:50:26,220
abound in intelligent life tend to

1117
00:50:23,610 --> 00:50:27,870
believe that God's quarantine as some of

1118
00:50:26,219 --> 00:50:30,659
them call the distance which separates

1119
00:50:27,869 --> 00:50:33,380
us we'll make radio signals the ultimate

1120
00:50:30,659 --> 00:50:36,539
form of communication not spaceships

1121
00:50:33,380 --> 00:50:38,640
great electronic ears of an abled man to

1122
00:50:36,539 --> 00:50:40,320
listen for electromagnetic signals from

1123
00:50:38,639 --> 00:50:43,639
the farthest objects in the universe

1124
00:50:40,320 --> 00:50:46,740
that have so far been detected this one

1125
00:50:43,639 --> 00:50:49,079
1,000 feet in diameter in Arecibo in

1126
00:50:46,739 --> 00:50:50,639

Puerto Rico is operated by Cornell

1127
00:50:49,079 --> 00:50:53,190
University for the Advanced Research

1128
00:50:50,639 --> 00:50:55,079
Projects Agency and is engaged in a

1129
00:50:53,190 --> 00:50:57,840
number of deep-space and Planetary

1130
00:50:55,079 --> 00:51:00,840
projects if we are not alone in the

1131
00:50:57,840 --> 00:51:03,059
universe instruments like this pursuing

1132
00:51:00,840 --> 00:51:05,780
carefully programmed listening exercises

1133
00:51:03,059 --> 00:51:08,070
may one day bring us a fateful message

1134
00:51:05,780 --> 00:51:10,110
the astronomers have long been the

1135
00:51:08,070 --> 00:51:12,539
leading theorists on the possibility of

1136
00:51:10,110 --> 00:51:14,579
life in outer space astronomer Carl

1137
00:51:12,539 --> 00:51:17,550
Sagan is consultant to a current

1138
00:51:14,579 --> 00:51:19,889
airforce scientific panel astronomer

1139
00:51:17,550 --> 00:51:23,090
Thornton Paige was on a CI a committee

1140
00:51:19,889 --> 00:51:27,929
that investigated UFO reports in 1952

1141
00:51:23,090 --> 00:51:31,700
its conclusion no evidence of UFOs our

1142
00:51:27,929 --> 00:51:35,299
panel was expected to be and I think was

1143
00:51:31,699 --> 00:51:38,009
objective in its approach and tried to

1144
00:51:35,300 --> 00:51:41,460
evaluate all the reports without saying

1145
00:51:38,010 --> 00:51:43,800
they're ridiculous in advance that has

1146
00:51:41,460 --> 00:51:47,429
been repeated quite recently and that is

1147
00:51:43,800 --> 00:51:50,010
a good reason for talking with Carl

1148
00:51:47,429 --> 00:51:51,719
Sagan here because he's in the same

1149
00:51:50,010 --> 00:51:55,620
position that I was being the only

1150
00:51:51,719 --> 00:51:58,500
astronomer in a similar panel on there's

1151
00:51:55,619 --> 00:52:02,359
not a single verified or checked out

1152
00:51:58,500 --> 00:52:04,110
report which is it all connectable with

1153
00:52:02,360 --> 00:52:06,840
with the possibility of extraterrestrial

1154
00:52:04,110 --> 00:52:09,120
life it doesn't say that I think I

1155
00:52:06,840 --> 00:52:11,730
suggest your life is impossible quite

1156
00:52:09,119 --> 00:52:13,799
the contrary I think that many of the

1157
00:52:11,730 --> 00:52:15,750
stars in the sky have planetary systems

1158
00:52:13,800 --> 00:52:18,800
we know enough now about the origin of

1159
00:52:15,750 --> 00:52:22,500
life to make it appear likely that life

1160
00:52:18,800 --> 00:52:25,260
arises naturally on the vast bulk of

1161
00:52:22,500 --> 00:52:27,809
these planets it's possible but finally

1162
00:52:25,260 --> 00:52:30,170
uncertain that life on many of these

1163
00:52:27,809 --> 00:52:33,869
planets evolves and to beings which are

1164
00:52:30,170 --> 00:52:35,940
as advanced as we were more advanced and

1165
00:52:33,869 --> 00:52:36,960
I don't see any reason why we can't

1166
00:52:35,940 --> 00:52:38,789
imagine that there are civilizations

1167
00:52:36,960 --> 00:52:40,650
thousands or millions of years in

1168
00:52:38,789 --> 00:52:42,779
advance of ourselves capable of

1169

00:52:40,650 --> 00:52:44,880
technical feats that we hear we can

1170
00:52:42,780 --> 00:52:48,510
hardly imagine if you would believe as

1171
00:52:44,880 --> 00:52:51,930
the Flying Saucer cultists would have us

1172
00:52:48,510 --> 00:52:53,970
believe that the the majority of the

1173
00:52:51,929 --> 00:52:55,829
saucer reports are due to visitations

1174
00:52:53,969 --> 00:52:57,809
they have a very strange situation that

1175
00:52:55,829 --> 00:52:58,829
means several spaceships are coming to

1176
00:52:57,809 --> 00:53:01,860
the earth over interstellar distances

1177
00:52:58,829 --> 00:53:03,809
every day as if all the anthropologists

1178
00:53:01,860 --> 00:53:06,090
in the world would converge on one of

1179
00:53:03,809 --> 00:53:08,610
the the Andaman Islands in the Indian

1180
00:53:06,090 --> 00:53:11,309
Ocean because they just invented the

1181
00:53:08,610 --> 00:53:14,430
fishnet there or something I think it's

1182
00:53:11,309 --> 00:53:16,289
a much more reasonable fewer if you want

1183
00:53:14,429 --> 00:53:19,169

to speculate on the possibility of

1184

00:53:16,289 --> 00:53:21,539

extraterrestrial intelligence that there

1185

00:53:19,170 --> 00:53:22,980

are very rare visits from

1186

00:53:21,539 --> 00:53:24,779

extraterrestrials to the earth there's

1187

00:53:22,980 --> 00:53:27,000

no evidence for this I just say that's

1188

00:53:24,780 --> 00:53:29,640

not implausible but have several visits

1189

00:53:27,000 --> 00:53:34,079

a day I think is straining credulity I

1190

00:53:29,639 --> 00:53:36,539

think a key to what's behind the real

1191

00:53:34,079 --> 00:53:38,670

belief in flying saucers is most easily

1192

00:53:36,539 --> 00:53:40,679

obtained if you look at the contact

1193

00:53:38,670 --> 00:53:42,570

myths there are several hundred people

1194

00:53:40,679 --> 00:53:45,119

in the United States who claim to have

1195

00:53:42,570 --> 00:53:46,769

had personal contact with the

1196

00:53:45,119 --> 00:53:49,230

inhabitants of flying saucers who have

1197

00:53:46,769 --> 00:53:51,509

landed and if you examine these myths

1198
00:53:49,230 --> 00:53:54,719
you find that there's some peculiar

1199
00:53:51,510 --> 00:53:57,210
regularities the inhabitants of saucers

1200
00:53:54,719 --> 00:53:59,730
are benevolent I mean they're really

1201
00:53:57,210 --> 00:54:02,909
concerned for our well-being there are

1202
00:53:59,730 --> 00:54:05,789
unlimited extremely powerful omniscient

1203
00:54:02,909 --> 00:54:07,049
extremely knowledgeable and they often

1204
00:54:05,789 --> 00:54:09,210
wear a long white robes

1205
00:54:07,050 --> 00:54:10,740
now this combination is something I've

1206
00:54:09,210 --> 00:54:14,039
heard in another context this isn't

1207
00:54:10,739 --> 00:54:16,439
science this is religion and what I

1208
00:54:14,039 --> 00:54:20,489
suspect is happening is this we live in

1209
00:54:16,440 --> 00:54:23,000
a in very unsettled times it used to be

1210
00:54:20,489 --> 00:54:26,459
possible to believe in a personal

1211
00:54:23,000 --> 00:54:28,559
benevolent powerful all-knowing God who

1212
00:54:26,460 --> 00:54:31,199
cared about individuals who you could

1213
00:54:28,559 --> 00:54:33,920
pray to but now there's very few people

1214
00:54:31,199 --> 00:54:37,129
who really believe that I think

1215
00:54:33,920 --> 00:54:38,960
our science for good or for ill has

1216
00:54:37,130 --> 00:54:42,500
destroyed a lot of the traditional

1217
00:54:38,960 --> 00:54:43,880
theologies and yet people have the same

1218
00:54:42,500 --> 00:54:45,530
needs to believe that they always did

1219
00:54:43,880 --> 00:54:45,950
perhaps more so because the times we

1220
00:54:45,530 --> 00:54:48,650
live in

1221
00:54:45,949 --> 00:54:51,529
well the Flying Saucer myths are a

1222
00:54:48,650 --> 00:54:53,539
really clever compromise it's a way of

1223
00:54:51,530 --> 00:54:57,740
having beings that come from the sky

1224
00:54:53,539 --> 00:54:59,058
that worried about us powerful that are

1225
00:54:57,739 --> 00:55:01,129
going to step in and prevent us from

1226

00:54:59,059 --> 00:55:04,670
destroying ourselves as we might very

1227
00:55:01,130 --> 00:55:06,559
well might and yet have it in the cloak

1228
00:55:04,670 --> 00:55:08,780
of science so that no one can say

1229
00:55:06,559 --> 00:55:12,890
nonsense that doesn't match science it's

1230
00:55:08,780 --> 00:55:16,280
all very pseudo scientific I would think

1231
00:55:12,889 --> 00:55:18,769
that that at least for the contact myths

1232
00:55:16,280 --> 00:55:19,849
and probably for a lot of the events of

1233
00:55:18,769 --> 00:55:23,298
people who just see things that

1234
00:55:19,849 --> 00:55:27,200
understand flying overhead that what's

1235
00:55:23,298 --> 00:55:30,920
involved psychology and theology and not

1236
00:55:27,199 --> 00:55:33,139
so much the physical sciences so as we

1237
00:55:30,920 --> 00:55:35,210
have seen scientists think the evidence

1238
00:55:33,139 --> 00:55:37,940
is mounting that life in some form

1239
00:55:35,210 --> 00:55:40,490
exists elsewhere in the universe but

1240
00:55:37,940 --> 00:55:43,250

almost unanimously they find no evidence

1241
00:55:40,489 --> 00:55:46,219
that anything out there has come here

1242
00:55:43,250 --> 00:55:48,349
one thing is clear you could not keep a

1243
00:55:46,219 --> 00:55:50,239
spaceship a secret too many

1244
00:55:48,349 --> 00:55:52,338
professionals with too many powerful

1245
00:55:50,239 --> 00:55:55,039
instruments are probing the skies these

1246
00:55:52,338 --> 00:55:56,838
days too many journalists could not be

1247
00:55:55,039 --> 00:55:59,900
restrained from trumpeting one of the

1248
00:55:56,838 --> 00:56:02,690
greatest news stories of all time it

1249
00:55:59,900 --> 00:56:05,000
also seems clear since the security of

1250
00:56:02,690 --> 00:56:08,750
our world is involved in converting all

1251
00:56:05,000 --> 00:56:10,460
UFOs immediately into IFOS perhaps these

1252
00:56:08,750 --> 00:56:12,500
phenomena are properly the

1253
00:56:10,460 --> 00:56:14,900
responsibility of scientists and the

1254
00:56:12,500 --> 00:56:16,639
military with periodic reports to the

1255
00:56:14,900 --> 00:56:19,608
public on what they have found if

1256
00:56:16,639 --> 00:56:22,639
anything the rest of us can emulate the

1257
00:56:19,608 --> 00:56:25,219
scientists by keeping an open mind since

1258
00:56:22,639 --> 00:56:28,308
yesterday's fantasy sometimes turns into

1259
00:56:25,219 --> 00:56:31,039
tomorrow's reality we might remember too

1260
00:56:28,309 --> 00:56:34,369
that while fantasy improves science

1261
00:56:31,039 --> 00:56:37,849
fiction science is more often served by

1262
00:56:34,369 --> 00:56:41,170
facts as a water drown guide for CBS

1263
00:56:37,849 --> 00:56:45,349
reports good night

1264
00:56:41,170 --> 00:56:47,809
CBS reports UFO friend foe or fantasy

1265
00:56:45,349 --> 00:56:52,059
has been brought to you by International

1266
00:56:47,809 --> 00:56:52,059
Business Machines IBM

1267
00:57:01,108 --> 00:57:07,509
CBS reports UFO friend foe or fantasy

1268
00:57:05,260 --> 00:57:09,760
was filmed and edited by the staff of

1269
00:57:07,510 --> 00:57:13,079
CBS reports under the supervision and

1270
00:57:09,760 --> 00:57:13,079
control of CBS News

1271
00:57:38,050 --> 00:57:42,289
telescopic film of the galaxies courtesy

1272
00:57:40,940 --> 00:57:44,659
of California Institute of Technology

1273
00:57:42,289 --> 00:57:45,750
and Carnegie Institution of Washington

1274
00:57:44,659 --> 00:57:49,129
DC

1275
00:57:45,750 --> 00:57:49,130
[Music]