



**OPERATION  
PAPERCLIP**

episode 05 . 19

1  
00:00:05,250 --> 00:00:02,480  
greeting citizens and welcome to unknown

2  
00:00:05,650 --> 00:00:05,260  
[Music]

3  
00:00:24,460 --> 00:00:05,660  
[Applause]

4  
00:00:26,620 --> 00:00:24,470  
[Music]

5  
00:00:29,050 --> 00:00:26,630  
I'm Jason McClellan I'm here with Ryan

6  
00:00:31,150 --> 00:00:29,060  
Sprague and a special guest our friend

7  
00:00:33,190 --> 00:00:31,160  
author and spaceflight historian Amy

8  
00:00:35,260 --> 00:00:33,200  
Shira Teitel and we're happy to hang out

9  
00:00:36,940 --> 00:00:35,270  
with you today and of course Amy were

10  
00:00:38,800 --> 00:00:36,950  
exceptionally happy to have you here

11  
00:00:41,020 --> 00:00:38,810  
hanging out with us today to talk some

12  
00:00:43,660 --> 00:00:41,030  
good old history I love history I love

13  
00:00:46,180 --> 00:00:43,670

context I love correct history and

14

00:00:48,880 --> 00:00:46,190

that's why we wanted to have you on this

15

00:00:50,590 --> 00:00:48,890

episode specifically we'll be discussing

16

00:00:52,630 --> 00:00:50,600

another episode of history's project

17

00:00:55,150 --> 00:00:52,640

Bluebook today but first a few

18

00:00:56,979 --> 00:00:55,160

announcements Maureen Elsberry and I are

19

00:00:58,930 --> 00:00:56,989

presenting a panel at Emerald City

20

00:01:02,140 --> 00:00:58,940

Comicon in Seattle Washington on Friday

21

00:01:04,570 --> 00:01:02,150

March 15th titled real-life x-files

22

00:01:07,180 --> 00:01:04,580

strange stories of real paranormal

23

00:01:08,950 --> 00:01:07,190

investigations Emerald City Comic Con

24

00:01:10,630 --> 00:01:08,960

runs March 14th through 17th at the

25

00:01:12,219 --> 00:01:10,640

Washington State Convention Center more

26

00:01:14,620 --> 00:01:12,229

information about that event and by

27

00:01:17,860 --> 00:01:14,630

tickets go to Emerald City Comicon calm

28

00:01:20,380 --> 00:01:17,870

then June 21st through the 23rd Ryan

29

00:01:23,740 --> 00:01:20,390

Sprague and I will be speaking at alien

30

00:01:25,390 --> 00:01:23,750

Con in Los Angeles California and you

31

00:01:27,190 --> 00:01:25,400

just might see our colleagues Shane hurt

32

00:01:28,810 --> 00:01:27,200

and wearing Ellsbury there too

33

00:01:31,270 --> 00:01:28,820

we'll certainly be talking much more

34

00:01:33,610 --> 00:01:31,280

about alien Con as it gets closer the

35

00:01:35,260 --> 00:01:33,620

alien con comm is the events website

36

00:01:36,880 --> 00:01:35,270

that's where you should go to learn more

37

00:01:39,190 --> 00:01:36,890

about the event and that's where you can

38

00:01:41,290 --> 00:01:39,200

buy tickets to and the new announcement

39

00:01:44,770 --> 00:01:41,300

this week Shane hurt and I will be at

40

00:01:48,610 --> 00:01:44,780

UFO Megacon in Laughlin Nevada on March

41

00:01:50,260 --> 00:01:48,620

30th as the name implies UFO Megacon is

42

00:01:52,780 --> 00:01:50,270

a big event

43

00:01:54,700 --> 00:01:52,790

it runs from March 24th all the way

44

00:01:57,250 --> 00:01:54,710

through the 30th and it features

45

00:01:59,260 --> 00:01:57,260

something like 40 speakers but yeah

46

00:02:01,720 --> 00:01:59,270

we'll be there just on the 30th like I

47

00:02:04,360 --> 00:02:01,730

said so check out UFO Megacon com for

48

00:02:05,860 --> 00:02:04,370

all the info on that event alright with

49

00:02:07,600 --> 00:02:05,870

the announcements out of the way let's

50

00:02:10,330 --> 00:02:07,610

get into this week's project Bluebook

51  
00:02:12,220 --> 00:02:10,340  
discussion the TV network history

52  
00:02:14,500 --> 00:02:12,230  
launched this new dramatic series this

53  
00:02:16,630 --> 00:02:14,510  
season titled Project Blue Book this

54  
00:02:19,210 --> 00:02:16,640  
fictional series is based on the u.s.

55  
00:02:22,630 --> 00:02:19,220  
air force's real-life official UFO study

56  
00:02:25,899 --> 00:02:22,640  
that ran from 1952 through 1969 although

57  
00:02:28,270 --> 00:02:25,909  
the show is fictional it draws on real

58  
00:02:30,520 --> 00:02:28,280  
Project Blue Book cases and the show's

59  
00:02:33,370 --> 00:02:30,530  
protagonist is a character named dr. J

60  
00:02:35,290 --> 00:02:33,380  
Allen Hynek a real individual who served

61  
00:02:37,240 --> 00:02:35,300  
as a scientific advisor to the

62  
00:02:38,890 --> 00:02:37,250  
government on Project Blue Book and

63  
00:02:41,500 --> 00:02:38,900

predecessor's project sign and project

64

00:02:43,720 --> 00:02:41,510

grudge and in the most recent episode of

65

00:02:45,550 --> 00:02:43,730

Project Blue Book we see another real

66

00:02:48,460 --> 00:02:45,560

historical figure portrayed on the show

67

00:02:50,260 --> 00:02:48,470

dr. Wernher von Braun von braun's

68

00:02:51,580 --> 00:02:50,270

presents in the fourth episode of

69

00:02:53,770 --> 00:02:51,590

Project Blue Book shouldn't be

70

00:02:56,520 --> 00:02:53,780

surprising simply based on the episodes

71

00:02:58,780 --> 00:02:56,530

title which is Operation Paperclip

72

00:03:01,660 --> 00:02:58,790

before we talk about Operation Paperclip

73

00:03:04,180 --> 00:03:01,670

this episode featured a second

74

00:03:05,890 --> 00:03:04,190

historical event and that was the UFO

75

00:03:08,980 --> 00:03:05,900

encounter we see at the beginning of the

76

00:03:11,560 --> 00:03:08,990

episode this real event depicted in the

77

00:03:15,070 --> 00:03:11,570

episode is the child's witted incident

78

00:03:17,380 --> 00:03:15,080

of 1948 and Ryan is going to give us a

79

00:03:20,199 --> 00:03:17,390

brief overview of the real child's

80

00:03:22,510 --> 00:03:20,209

witted incident Ryan absolutely yes so

81

00:03:25,990 --> 00:03:22,520

guys this one of this event happened on

82

00:03:27,970 --> 00:03:26,000

July 24th 1948 so like you mentioned

83

00:03:30,190 --> 00:03:27,980

Jason this is one of the earlier cases

84

00:03:33,670 --> 00:03:30,200

that the predecessor to Blue Book

85

00:03:36,370 --> 00:03:33,680

covered project signs so yeah July 24th

86

00:03:38,949 --> 00:03:36,380

Clarence child's and his copilot John

87

00:03:41,710 --> 00:03:38,959

witted they were flying a dc-3 passenger

88

00:03:44,560 --> 00:03:41,720

plane for Eastern Airlines from Houston

89

00:03:47,199 --> 00:03:44,570  
to Atlanta and there were 20 passengers

90

00:03:50,979 --> 00:03:47,209  
on board the domestic flight and as they

91

00:03:52,990 --> 00:03:50,989  
were flying this dalish red glowing

92

00:03:55,030 --> 00:03:53,000  
object appeared directly in their flight

93

00:03:56,949 --> 00:03:55,040  
path so at first they thought it was

94

00:04:00,490 --> 00:03:56,959  
like a jet there or something coming

95

00:04:02,680 --> 00:04:00,500  
coming close but once they got closer to

96

00:04:04,930 --> 00:04:02,690  
this object it was obvious that it was

97

00:04:07,479 --> 00:04:04,940  
not any sort of conventional aircraft

98

00:04:10,240 --> 00:04:07,489  
both pilots claimed that the object was

99

00:04:11,800 --> 00:04:10,250  
approximately a hundred feet long and 25

100

00:04:15,280 --> 00:04:11,810  
to 30 feet in diameter

101  
00:04:18,219 --> 00:04:15,290  
it was torpedo or cigar shaped and it

102  
00:04:20,590 --> 00:04:18,229  
had no wings it appeared to have lights

103  
00:04:22,750 --> 00:04:20,600  
running up and down it and even windows

104  
00:04:25,150 --> 00:04:22,760  
so the object it had a pointed nose

105  
00:04:27,909 --> 00:04:25,160  
section and there was like this bluish

106  
00:04:30,700 --> 00:04:27,919  
glow running on the belly of it from end

107  
00:04:32,530 --> 00:04:30,710  
to end and out of the back of the

108  
00:04:35,340 --> 00:04:32,540  
supposed object was this orange red

109  
00:04:38,080 --> 00:04:35,350  
exhaust that had been seen by the pilots

110  
00:04:39,700 --> 00:04:38,090  
child's first reaction was to turn the

111  
00:04:41,770 --> 00:04:39,710  
plane to the left as the object seemed

112  
00:04:43,659 --> 00:04:41,780  
to be coming slightly to his right and

113  
00:04:46,480 --> 00:04:43,669

they watched as the crafted an abrupt

114

00:04:49,620 --> 00:04:46,490

pull up just after missing them and then

115

00:04:51,690 --> 00:04:49,630

just completely disappeared in child's

116

00:04:55,230 --> 00:04:51,700

is stresses that it's not like it

117

00:04:57,930 --> 00:04:55,240

disappeared out of you know out of lack

118

00:05:00,780 --> 00:04:57,940

of like distance or far away it

119

00:05:03,540 --> 00:05:00,790

literally just like D materialized out

120

00:05:05,880 --> 00:05:03,550

of sight so one of the witnesses on

121

00:05:08,130 --> 00:05:05,890

board one of the only passengers who was

122

00:05:10,470 --> 00:05:08,140

awake when this whole thing happened he

123

00:05:13,110 --> 00:05:10,480

described hearing a sound like a rocket

124

00:05:15,800 --> 00:05:13,120

during the event and he even saw like an

125

00:05:19,440 --> 00:05:15,810

eerie streak out the window

126  
00:05:21,510 --> 00:05:19,450  
so yeah this event also was witnessed

127  
00:05:23,880 --> 00:05:21,520  
from Robins Air Force Base near Macon

128  
00:05:25,110 --> 00:05:23,890  
Georgia where several witnesses stated

129  
00:05:27,480 --> 00:05:25,120  
they saw an object of the same

130  
00:05:31,200 --> 00:05:27,490  
description about a half an hour before

131  
00:05:32,730 --> 00:05:31,210  
this sighting sir charles and witted the

132  
00:05:35,460 --> 00:05:32,740  
pilots they reported the incident to

133  
00:05:37,470 --> 00:05:35,470  
local reporters as well as the United

134  
00:05:40,440 --> 00:05:37,480  
States Air Force's air technical

135  
00:05:42,180 --> 00:05:40,450  
intelligence center and also project

136  
00:05:44,760 --> 00:05:42,190  
sign again a predecessor to Blue Book

137  
00:05:46,980 --> 00:05:44,770  
and many skeptics believe that what they

138  
00:05:49,710 --> 00:05:46,990

saw that night was either a meteor or

139

00:05:52,590 --> 00:05:49,720

just a mirage however these explanations

140

00:05:55,200 --> 00:05:52,600

they could not account for many of the

141

00:05:57,480 --> 00:05:55,210

characteristics that the pilots stated

142

00:06:00,090 --> 00:05:57,490

so yeah sign ruled out the possibility

143

00:06:03,420 --> 00:06:00,100

of a conventional aircraft after tracing

144

00:06:05,760 --> 00:06:03,430

flight records and the child's would

145

00:06:09,510 --> 00:06:05,770

exciting it's one of the three classic

146

00:06:11,610 --> 00:06:09,520

UFO incidents in 1948 that convinced the

147

00:06:14,700 --> 00:06:11,620

personnel of project sign that UFOs were

148

00:06:17,010 --> 00:06:14,710

a genuine phenomenon and needed a closer

149

00:06:20,550 --> 00:06:17,020

study and one of those good-old cases

150

00:06:22,820 --> 00:06:20,560

that says meteors pull up and and go up

151  
00:06:26,010 --> 00:06:22,830  
and set up down right of course yeah

152  
00:06:28,560 --> 00:06:26,020  
makes logical sense yeah no I was

153  
00:06:29,790 --> 00:06:28,570  
interesting seeing this because I didn't

154  
00:06:32,070 --> 00:06:29,800  
put that together when I was seeing it

155  
00:06:34,170 --> 00:06:32,080  
happen because it was so you know a bit

156  
00:06:36,690 --> 00:06:34,180  
quite a bit different from the actual

157  
00:06:38,820 --> 00:06:36,700  
case and certainly Hynek wasn't wasn't

158  
00:06:40,470 --> 00:06:38,830  
aboard the plane that saw that yeah yeah

159  
00:06:42,810 --> 00:06:40,480  
hi Nick wasn't even involved yet when

160  
00:06:44,820 --> 00:06:42,820  
this case actually happened so again

161  
00:06:47,610 --> 00:06:44,830  
this is where the show starts to sort of

162  
00:06:49,770 --> 00:06:47,620  
veer from the timeline of authentic you

163  
00:06:52,260 --> 00:06:49,780

know historical accuracy I should say

164

00:06:54,000 --> 00:06:52,270

but yeah a fascinating case and again

165

00:06:56,520 --> 00:06:54,010

one of the three classic ones that

166

00:06:59,280 --> 00:06:56,530

really prompted them the government to

167

00:07:01,920 --> 00:06:59,290

start looking into UFOs yeah alright so

168

00:07:03,170 --> 00:07:01,930

we need to shift gears and it shift our

169

00:07:06,409 --> 00:07:03,180

attention to what had

170

00:07:08,510 --> 00:07:06,419

really excited for this episode and that

171

00:07:11,900 --> 00:07:08,520

is Operation Paperclip and Wernher von

172

00:07:16,580 --> 00:07:11,910

Braun and I'll say right away that this

173

00:07:18,170 --> 00:07:16,590

episode took some bizarre turns and took

174

00:07:21,499 --> 00:07:18,180

Operation Paperclip

175

00:07:24,409 --> 00:07:21,509

and von Braun's involvement in a strange

176

00:07:27,560 --> 00:07:24,419

yet I guess sort of predictable

177

00:07:30,290 --> 00:07:27,570

direction for the show way before we get

178

00:07:32,180 --> 00:07:30,300

into that Amy I would love it if you

179

00:07:32,689 --> 00:07:32,190

would talk for a bit about Operation

180

00:07:39,969 --> 00:07:32,699

Paperclip

181

00:07:43,490 --> 00:07:39,979

that was how von Braun was involved etc

182

00:07:45,170 --> 00:07:43,500

then after that we'll get into how this

183

00:07:50,420 --> 00:07:45,180

was all portrayed on the show and

184

00:07:52,430 --> 00:07:50,430

discuss my feelings on this yeah so I'm

185

00:07:54,860 --> 00:07:52,440

just just a note because I feel like

186

00:07:57,800 --> 00:07:54,870

this is one thing that gets everybody so

187

00:07:59,629 --> 00:07:57,810

it's this program was called operation

188

00:08:03,080 --> 00:07:59,639

overcast Operation Paperclip

189

00:08:04,730 --> 00:08:03,090

and also Project Paperclip so it's it

190

00:08:06,110 --> 00:08:04,740

comes under any name so for anyone

191

00:08:08,149 --> 00:08:06,120

listening who's confused by that it's

192

00:08:10,279 --> 00:08:08,159

all kind of the same thing so basically

193

00:08:13,730 --> 00:08:10,289

what this was was at the end of the

194

00:08:18,140 --> 00:08:13,740

Second World War the Americans were

195

00:08:20,300 --> 00:08:18,150

looking to bring back some of the Nazi

196

00:08:23,149 --> 00:08:20,310

scientists as a form of almost like

197

00:08:25,550 --> 00:08:23,159

intellectual reparations the idea being

198

00:08:27,050 --> 00:08:25,560

you know these scientists had developed

199

00:08:28,909 --> 00:08:27,060

at least insane weapons and used them

200

00:08:31,760 --> 00:08:28,919

for evil and we'd rather have them on

201  
00:08:33,409 --> 00:08:31,770  
our side than in the Soviet side and one

202  
00:08:35,930 --> 00:08:33,419  
of the technologies that the US was

203  
00:08:39,350 --> 00:08:35,940  
really interested in was the v2 guided

204  
00:08:40,670 --> 00:08:39,360  
missile which which could cover a decent

205  
00:08:42,079 --> 00:08:40,680  
amount of distance you know launching in

206  
00:08:44,269 --> 00:08:42,089  
through the Eastern Europe to London and

207  
00:08:46,190 --> 00:08:44,279  
sort of sort of the border of Western

208  
00:08:47,690 --> 00:08:46,200  
Europe brother and this was something

209  
00:08:50,240 --> 00:08:47,700  
that America really wanted to develop

210  
00:08:54,019 --> 00:08:50,250  
and start to use towards its own future

211  
00:08:56,269 --> 00:08:54,029  
military needs and the problem was who

212  
00:08:58,370 --> 00:08:56,279  
do you get and how many you know former

213  
00:08:59,810 --> 00:08:58,380

card-carrying Nazis can you possibly

214

00:09:01,550 --> 00:08:59,820

bring in to the United States because

215

00:09:04,610 --> 00:09:01,560

that's not something people necessarily

216

00:09:05,990 --> 00:09:04,620

want to do so what happened was that you

217

00:09:07,220 --> 00:09:06,000

know it wasn't just the rocket

218

00:09:08,870 --> 00:09:07,230

scientists there were chemists there

219

00:09:11,510 --> 00:09:08,880

were all all kinds of branches of

220

00:09:14,269 --> 00:09:11,520

science and scientists that various

221

00:09:15,760 --> 00:09:14,279

American military wanted to bring over

222

00:09:18,070 --> 00:09:15,770

to the United States so

223

00:09:20,260 --> 00:09:18,080

what they did was they kind of had to

224

00:09:22,360 --> 00:09:20,270

prioritize who was going to make it and

225

00:09:25,060 --> 00:09:22,370

top of that list was Wernher von Braun

226

00:09:28,720 --> 00:09:25,070

who was the one of the chief engineers

227

00:09:32,140 --> 00:09:28,730

and the leader behind the VT program so

228

00:09:35,340 --> 00:09:32,150

what what they they did the u.s. the US

229

00:09:38,770 --> 00:09:35,350

Joint Chiefs of Staff I believe it was

230

00:09:40,450 --> 00:09:38,780

agreed that 350 German scientists could

231

00:09:43,680 --> 00:09:40,460

come into the United States under

232

00:09:46,240 --> 00:09:43,690

operation overcast slash paperclip and

233

00:09:47,590 --> 00:09:46,250

that was a great number for the people

234

00:09:50,170 --> 00:09:47,600

who wanted all the rocket scientists but

235

00:09:51,910 --> 00:09:50,180

that was total scientists so what they

236

00:09:54,330 --> 00:09:51,920

had to do was work with fun Braun to

237

00:09:58,180 --> 00:09:54,340

figure out who were the absolutely most

238

00:10:00,130 --> 00:09:58,190

necessary personnel to bring over and if

239

00:10:02,320 --> 00:10:00,140

I'm recalling correctly because I've

240

00:10:02,770 --> 00:10:02,330

been working on other stuff in this

241

00:10:04,960 --> 00:10:02,780

lately

242

00:10:06,940 --> 00:10:04,970

what they did was going through all the

243

00:10:09,370 --> 00:10:06,950

files they marked the ones that they

244

00:10:11,950 --> 00:10:09,380

wanted with a paper clip and when Braun

245

00:10:14,530 --> 00:10:11,960

was given okay over the 350 you can have

246

00:10:17,890 --> 00:10:14,540

a hundred and ten he eventually got the

247

00:10:20,710 --> 00:10:17,900

number up to 124 all of whom were

248

00:10:23,860 --> 00:10:20,720

brought in to the United States in late

249

00:10:25,090 --> 00:10:23,870

1945 or early 1946 and most of them

250

00:10:28,150 --> 00:10:25,100

ended up at the White Sands Missile

251  
00:10:30,370 --> 00:10:28,160  
Range in New Mexico where they worked on

252  
00:10:32,140 --> 00:10:30,380  
recovered v2 s putting together beaches

253  
00:10:34,180 --> 00:10:32,150  
from parts that were scavenged this is

254  
00:10:35,710 --> 00:10:34,190  
like it's a massive story but they

255  
00:10:39,550 --> 00:10:35,720  
brought I think was something insane

256  
00:10:42,010 --> 00:10:39,560  
like 300 train cars full of parts of v2

257  
00:10:43,750 --> 00:10:42,020  
s and only one completed rocket in that

258  
00:10:45,610 --> 00:10:43,760  
whole mess and they were rebuilding them

259  
00:10:47,830 --> 00:10:45,620  
teaching American scientists about it

260  
00:10:49,990 --> 00:10:47,840  
and sort of adding stages and kind of

261  
00:10:52,120 --> 00:10:50,000  
building it so that that was it

262  
00:10:55,630 --> 00:10:52,130  
operation overcast slash paperclip was

263  
00:10:56,920 --> 00:10:55,640

the program under which Nazi scientists

264

00:10:59,680 --> 00:10:56,930

came to the United States and it was

265

00:11:02,260 --> 00:10:59,690

this weird thing where like they you

266

00:11:04,270 --> 00:11:02,270

know it's we're not getting into Nazi

267

00:11:08,020 --> 00:11:04,280

affiliations here but you know they were

268

00:11:09,610 --> 00:11:08,030

all forced by the Nazi army to be

269

00:11:11,050 --> 00:11:09,620

card-carrying Nazis now whether or not

270

00:11:13,300 --> 00:11:11,060

they believed in those ideals is a

271

00:11:15,430 --> 00:11:13,310

totally separate discussion but they

272

00:11:18,100 --> 00:11:15,440

were kind of in that like nebulous zone

273

00:11:19,690 --> 00:11:18,110

where everyone knew they were former

274

00:11:21,160 --> 00:11:19,700

Nazis that the US government still

275

00:11:22,840 --> 00:11:21,170

wanted them but no one really knew what

276

00:11:25,210 --> 00:11:22,850

to do with them and that didn't begin

277

00:11:28,510 --> 00:11:25,220

their formal immigration process yet

278

00:11:32,020 --> 00:11:28,520

they actually from Brown's team

279

00:11:33,700 --> 00:11:32,030

in the US for five years almost before

280

00:11:35,080 --> 00:11:33,710

they were punted across the border to

281

00:11:38,400 --> 00:11:35,090

Mexico and then brought back to

282

00:11:40,600 --> 00:11:38,410

officially begin the immigration process

283

00:11:42,910 --> 00:11:40,610

they just had to get them across a

284

00:11:44,530 --> 00:11:42,920

border and back into order to say like

285

00:11:46,600 --> 00:11:44,540

this is the date and place in which you

286

00:11:48,190 --> 00:11:46,610

entered the country because see

287

00:11:50,110 --> 00:11:48,200

currently they couldn't like they

288

00:11:51,940 --> 00:11:50,120

couldn't say oh yeah we brought them in

289

00:11:54,430 --> 00:11:51,950

through all these Air Force bases yeah

290

00:12:01,060 --> 00:11:54,440

so they're actually Mexican immigrants

291

00:12:02,710 --> 00:12:01,070

then no I for all I know you know one of

292

00:12:05,560 --> 00:12:02,720

the few times any of them ever went near

293

00:12:08,140 --> 00:12:05,570

Mexico so I yeah even they they took a

294

00:12:12,910 --> 00:12:08,150

they took a like a tramcar over and a

295

00:12:15,370 --> 00:12:12,920

tramcar back nice yeah so what was the I

296

00:12:18,970 --> 00:12:15,380

guess end result or what was the biggest

297

00:12:21,190 --> 00:12:18,980

contribution that we can say that the

298

00:12:24,120 --> 00:12:21,200

scientists from Operation Paperclip

299

00:12:26,800 --> 00:12:24,130

gave us in the end I mean it depends on

300

00:12:28,720 --> 00:12:26,810

what science you're looking at and who

301  
00:12:30,160 --> 00:12:28,730  
you considered what you consider to be

302  
00:12:32,980 --> 00:12:30,170  
the most important but I would say the

303  
00:12:34,720 --> 00:12:32,990  
moon um it was it was fun Browns team

304  
00:12:37,120 --> 00:12:34,730  
that ended up working for the army

305  
00:12:39,700 --> 00:12:37,130  
ballistic missile agency in Huntsville

306  
00:12:41,980 --> 00:12:39,710  
that was then folded into NASA in 1960

307  
00:12:43,390 --> 00:12:41,990  
that became the team that developed the

308  
00:12:44,980 --> 00:12:43,400  
Saturn family of rockets that built the

309  
00:12:48,400 --> 00:12:44,990  
Saturn 5 that took Apollo to the moon

310  
00:12:50,890 --> 00:12:48,410  
and tada so yeah that's that's where

311  
00:12:53,650 --> 00:12:50,900  
that lineage ended up going it went

312  
00:12:55,090 --> 00:12:53,660  
directly into the space program and it

313  
00:12:57,970 --> 00:12:55,100

was fun Brown's team that launched the

314

00:13:00,820 --> 00:12:57,980

first American satellite in January /

315

00:13:02,950 --> 00:13:00,830

February of 1951 it was right around

316

00:13:04,420 --> 00:13:02,960

midnight on the 31st of January so

317

00:13:06,880 --> 00:13:04,430

depending on your time zone that's why

318

00:13:08,890 --> 00:13:06,890

the dates a little bit awkward and yeah

319

00:13:10,600 --> 00:13:08,900

launch builder all the early rockets

320

00:13:12,910 --> 00:13:10,610

that got some of the first spacecraft

321

00:13:15,010 --> 00:13:12,920

and human missions off the ground it's

322

00:13:18,040 --> 00:13:15,020

such exciting history and you know I

323

00:13:21,760 --> 00:13:18,050

when I saw that this episode was going

324

00:13:24,670 --> 00:13:21,770

to deal with this time in history and

325

00:13:26,590 --> 00:13:24,680

this specific operation I knew I had to

326

00:13:29,380 --> 00:13:26,600

have you on because I knew it was just

327

00:13:32,500 --> 00:13:29,390

gonna be a a thrill to talk about this

328

00:13:38,370 --> 00:13:32,510

with you but I had no idea what the

329

00:13:40,370 --> 00:13:38,380

episode was going to do so now the show

330

00:13:46,430 --> 00:13:40,380

all kinds of

331

00:13:49,010 --> 00:13:46,440

with this story and so I know I know you

332

00:13:52,160 --> 00:13:49,020

have some things to say Amy but before I

333

00:13:55,760 --> 00:13:52,170

get to you what do you think Ryan I'm

334

00:13:57,920 --> 00:13:55,770

sorry operation and dr. Bob Brown were

335

00:13:59,930 --> 00:13:57,930

portrayed in this episode she is

336

00:14:02,870 --> 00:13:59,940

chomping at the bit no I

337

00:14:05,000 --> 00:14:02,880

I remember reading any Jacobson's book

338

00:14:07,190 --> 00:14:05,010

about Operation Paperclip so I was super

339

00:14:09,470 --> 00:14:07,200

excited when I saw that blue book was

340

00:14:12,080 --> 00:14:09,480

gonna be covering this I'm like okay I

341

00:14:13,160 --> 00:14:12,090

don't really see the connection but I'll

342

00:14:15,980 --> 00:14:13,170

be interested to see what they do with

343

00:14:18,080 --> 00:14:15,990

it it was interesting that they

344

00:14:20,720 --> 00:14:18,090

connected this child's witted case to

345

00:14:22,250 --> 00:14:20,730

the v2 rocket because yeah that's that's

346

00:14:25,430 --> 00:14:22,260

what a lot of people believe it could

347

00:14:27,920 --> 00:14:25,440

have been possibly so I totally

348

00:14:30,970 --> 00:14:27,930

understood that so when they decided to

349

00:14:33,620 --> 00:14:30,980

just go fallout with that and bring

350

00:14:37,670 --> 00:14:33,630

Verner von braun into this I was like

351

00:14:41,240 --> 00:14:37,680

okay this this could be cool so here's

352

00:14:45,290 --> 00:14:41,250

where it really lost me guys the crop

353

00:14:48,290 --> 00:14:45,300

circles like what you crop circles as

354

00:14:50,750 --> 00:14:48,300

propulsion forces for these rockets or

355

00:14:53,330 --> 00:14:50,760

these you know early versions of space

356

00:14:56,420 --> 00:14:53,340

that completely lost me I mean for

357

00:14:59,000 --> 00:14:56,430

anyone out there listening I personally

358

00:15:01,520 --> 00:14:59,010

am NOT a fan of the crop circle

359

00:15:04,460 --> 00:15:01,530

phenomenon I think it's beautiful I

360

00:15:06,830 --> 00:15:04,470

think it's a man-made but I don't think

361

00:15:08,360 --> 00:15:06,840

it was connected to you know these

362

00:15:10,430 --> 00:15:08,370

Rockets were literally making these

363

00:15:13,040 --> 00:15:10,440

intricate beautiful designs and crops

364

00:15:15,050 --> 00:15:13,050

out there so that's where it started to

365

00:15:20,930 --> 00:15:15,060

lose me a little is they were trying to

366

00:15:24,110 --> 00:15:20,940

throw so many UFO conspiracies or sub

367

00:15:26,000 --> 00:15:24,120

topics into this episode and yeah I

368

00:15:28,340 --> 00:15:26,010

think it was really fascinating that

369

00:15:31,910 --> 00:15:28,350

this could possibly be the earliest

370

00:15:35,030 --> 00:15:31,920

versions of testing space you know high

371

00:15:37,760 --> 00:15:35,040

altitude in space flight I thought that

372

00:15:39,590 --> 00:15:37,770

was fascinating but when it came to

373

00:15:42,260 --> 00:15:39,600

everything they started to cover with

374

00:15:45,410 --> 00:15:42,270

the alien in the glass tube and crop

375

00:15:48,920 --> 00:15:45,420

circles I just I started to tune out so

376

00:15:50,780 --> 00:15:48,930

this this episode was really tough for

377

00:15:52,220 --> 00:15:50,790

me to get through and Amy I am a big

378

00:15:53,110 --> 00:15:52,230

proponent of the show I think it's

379

00:15:55,269 --> 00:15:53,120

awesome

380

00:15:58,210 --> 00:15:55,279

it but this one lost me guys it's this

381

00:16:00,309 --> 00:15:58,220

one completely completely lost me Ryan

382

00:16:03,309 --> 00:16:00,319

when it comes to you know exotic

383

00:16:05,410 --> 00:16:03,319

propulsion and the ability to leave

384

00:16:07,600 --> 00:16:05,420

these intricate beautiful crop circles

385

00:16:09,579 --> 00:16:07,610

behind I don't think you're giving a

386

00:16:12,639 --> 00:16:09,589

genius like von Braun the credit he

387

00:16:15,069 --> 00:16:12,649

deserves you don't pull that off you

388

00:16:21,999 --> 00:16:15,079

know maybe maybe maybe maybe this was

389

00:16:23,619 --> 00:16:22,009

all like performance art no I I agree

390

00:16:26,230 --> 00:16:23,629

with you man I I found a lot of it

391

00:16:28,420 --> 00:16:26,240

pretty ridiculous and and for a me and

392

00:16:30,970 --> 00:16:28,430

anyone else who hasn't seen all the

393

00:16:32,379 --> 00:16:30,980

other episodes that Ryan and I have you

394

00:16:35,049 --> 00:16:32,389

know this is kind of the first episode

395

00:16:37,929 --> 00:16:35,059

where we've seen the the story take a

396

00:16:40,869 --> 00:16:37,939

sharp departure and kind of veer into a

397

00:16:42,309 --> 00:16:40,879

lot of bizarre territory I mean yes it

398

00:16:44,019 --> 00:16:42,319

is a fictional show and we keep saying

399

00:16:46,689 --> 00:16:44,029

that there is a lot of creativity

400

00:16:48,850 --> 00:16:46,699

involved and they brought a lot of other

401  
00:16:50,679 --> 00:16:48,860  
elements from UFO lore and and other

402  
00:16:51,910 --> 00:16:50,689  
things into these storylines to make

403  
00:16:53,920 --> 00:16:51,920  
them more interesting and it's great it

404  
00:16:56,199 --> 00:16:53,930  
makes for great TV and and Ryan and I

405  
00:16:59,319 --> 00:16:56,209  
are loving watching this as UFO geeks

406  
00:17:01,449 --> 00:16:59,329  
it's it's super fun but this one just

407  
00:17:04,079 --> 00:17:01,459  
you know kind of decided to throw

408  
00:17:06,939 --> 00:17:04,089  
everything out and go all sorts of crazy

409  
00:17:08,319 --> 00:17:06,949  
so I was I was really shocked by that

410  
00:17:10,659 --> 00:17:08,329  
because we haven't seen that from this

411  
00:17:12,579 --> 00:17:10,669  
show yeah something else that it really

412  
00:17:15,039 --> 00:17:12,589  
kind of disappointed me and I wasn't

413  
00:17:18,210 --> 00:17:15,049

expecting was how they sort of take

414

00:17:21,039 --> 00:17:18,220

extreme liberties with von Braun and

415

00:17:25,120 --> 00:17:21,049

vilify him you know I'm saying that he's

416

00:17:27,519 --> 00:17:25,130

like this evil bad guy and as a fan of

417

00:17:30,600 --> 00:17:27,529

I'm proud I'm not liking where that's

418

00:17:35,680 --> 00:17:30,610

going so that was my biggest reaction

419

00:17:38,409 --> 00:17:35,690

all right Amy I'm releasing you know

420

00:17:40,870 --> 00:17:38,419

what you thought yeah and it I mean it

421

00:17:42,820 --> 00:17:40,880

might be this is the first episode of

422

00:17:44,560 --> 00:17:42,830

this show I've seen so I was wondering

423

00:17:46,930 --> 00:17:44,570

if like maybe I was missing some

424

00:17:50,110 --> 00:17:46,940

backstory like why the Russian woman had

425

00:17:51,940 --> 00:17:50,120

a gun and was a spy but ya know my my

426

00:17:55,269 --> 00:17:51,950

biggest question watching this episode

427

00:17:58,220 --> 00:17:55,279

was what year is this supposed to be I

428

00:18:00,470 --> 00:17:58,230

was so confused I

429

00:18:02,330 --> 00:18:00,480

so confuse cuz like I know some of these

430

00:18:04,580 --> 00:18:02,340

dates I don't you know anyone listening

431

00:18:07,159 --> 00:18:04,590

I'm not a the UFO person here I'm the

432

00:18:13,430 --> 00:18:07,169

history person here but sorry Brian you

433

00:18:15,230 --> 00:18:13,440

said that UFO sighting was 1946 48 okay

434

00:18:17,030 --> 00:18:15,240

with these sightings Amy they're not

435

00:18:20,900 --> 00:18:17,040

they're not true too when the show is

436

00:18:24,289 --> 00:18:20,910

supposed to be happening even like even

437

00:18:26,180 --> 00:18:24,299

within the like the space history stuff

438

00:18:28,030 --> 00:18:26,190

I'm like these dates are not lighting up

439

00:18:30,380 --> 00:18:28,040

right because they're talking about

440

00:18:32,750 --> 00:18:30,390

operation so operation overcast /

441

00:18:35,180 --> 00:18:32,760

paperclip it expanded after that initial

442

00:18:36,830 --> 00:18:35,190

kind of bringing a handful of scientists

443

00:18:41,150 --> 00:18:36,840

and but it was definitely like not still

444

00:18:42,890 --> 00:18:41,160

going I don't think in like 1961 the

445

00:18:45,620 --> 00:18:42,900

aesthetic of the show was kind of like

446

00:18:47,299 --> 00:18:45,630

early 50s maybe but then they mentioned

447

00:18:50,570 --> 00:18:47,309

the space race and the Russians but also

448

00:18:53,840 --> 00:18:50,580

having orbited a chimp three times and

449

00:18:57,980 --> 00:18:53,850

also Rover yeah they're talking about

450

00:18:59,750 --> 00:18:57,990

the space program but also they were on

451  
00:19:02,480 --> 00:18:59,760  
a military base still so that would mean

452  
00:19:04,549 --> 00:19:02,490  
it would have to be 1959 there was like

453  
00:19:06,080 --> 00:19:04,559  
all of the things I'm just like I'm so

454  
00:19:08,210 --> 00:19:06,090  
confused as to what you're even trying

455  
00:19:09,530 --> 00:19:08,220  
to do right now and I'm sort of like I

456  
00:19:12,200 --> 00:19:09,540  
couldn't I could do it I could totally

457  
00:19:14,990 --> 00:19:12,210  
be like this is fiction if you didn't

458  
00:19:17,630 --> 00:19:15,000  
put like one of the most notable figures

459  
00:19:20,900 --> 00:19:17,640  
of the early space age as your central

460  
00:19:23,720 --> 00:19:20,910  
character like just make him like like

461  
00:19:25,970 --> 00:19:23,730  
Klaus on rockets or something like give

462  
00:19:27,320 --> 00:19:25,980  
him a make of a fictionalized person

463  
00:19:32,030 --> 00:19:27,330

it's supposed to like Wernher von Braun

464

00:19:34,760 --> 00:19:32,040

who I'm just so confused the whole thing

465

00:19:35,900 --> 00:19:34,770

was like I'd I just it just kind of lost

466

00:19:38,330 --> 00:19:35,910

me like there are so many

467

00:19:41,419 --> 00:19:38,340

inconsistencies from it from my history

468

00:19:44,060 --> 00:19:41,429

aside to it was like this is never has a

469

00:19:50,510 --> 00:19:44,070

show been so true to the provides that

470

00:19:51,860 --> 00:19:50,520

I've inspired by true events so yeah

471

00:19:53,890 --> 00:19:51,870

there was a lot of things like taste

472

00:19:57,560 --> 00:19:53,900

like you said vilifying from Braun like

473

00:19:59,900 --> 00:19:57,570

I've spent a great number of years

474

00:20:02,690 --> 00:19:59,910

trying to figure out how to deal with a

475

00:20:05,780 --> 00:20:02,700

figure like from Braun who developed

476

00:20:08,360 --> 00:20:05,790

Rockets that were built by slave labor

477

00:20:10,280 --> 00:20:08,370

and killed more people while building

478

00:20:11,049 --> 00:20:10,290

them than actually with rocket strikes

479

00:20:12,519 --> 00:20:11,059

and then who also

480

00:20:15,070 --> 00:20:12,529

built the racket that's an Americans to

481

00:20:17,320 --> 00:20:15,080

the moon that's a really hard person to

482

00:20:20,110 --> 00:20:17,330

figure and you know there's a lot of

483

00:20:22,029 --> 00:20:20,120

evidence that says you know he was not

484

00:20:24,549 --> 00:20:22,039

I've kind of landed that he's not he's

485

00:20:26,799 --> 00:20:24,559

not immoral so much as a moral cause

486

00:20:27,519 --> 00:20:26,809

like when you're working in Hitler's

487

00:20:29,409 --> 00:20:27,529

Germany

488

00:20:32,940 --> 00:20:29,419

so in when he was 20 years old the

489

00:20:35,769 --> 00:20:32,950

German army is in like nineteen 31 or 32

490

00:20:37,389 --> 00:20:35,779

said we'll come develop your rockets for

491

00:20:38,950 --> 00:20:37,399

the army and we'll give you all the

492

00:20:41,769 --> 00:20:38,960

money and all the resources you want and

493

00:20:43,779 --> 00:20:41,779

also a PhD and he's like why would I not

494

00:20:46,690 --> 00:20:43,789

take this I'm 20 and I just got the

495

00:20:49,359 --> 00:20:46,700

dream job and then you know the Nazi

496

00:20:50,919 --> 00:20:49,369

army strong arms it from the German army

497

00:20:52,570 --> 00:20:50,929

and then suddenly he's building a weapon

498

00:20:55,509 --> 00:20:52,580

but if he speaks out about it he's

499

00:20:57,129 --> 00:20:55,519

killed in fact he did speak out against

500

00:20:59,139 --> 00:20:57,139

using it as a weapon and described

501  
00:21:01,019 --> 00:20:59,149  
wanting to use rockets for space flight

502  
00:21:04,330 --> 00:21:01,029  
and then he was arrested by the Gestapo

503  
00:21:05,950 --> 00:21:04,340  
so you know you kind of it's a survival

504  
00:21:08,080 --> 00:21:05,960  
thing so that's like he's a really hard

505  
00:21:11,230 --> 00:21:08,090  
figure to deal with anyway so then to

506  
00:21:13,239 --> 00:21:11,240  
put in this like insane villainous like

507  
00:21:15,580 --> 00:21:13,249  
and also I'm randomly developing

508  
00:21:17,669 --> 00:21:15,590  
hovercraft have wheels for some reason

509  
00:21:20,080 --> 00:21:17,679  
why does that have a craft need wheels

510  
00:21:21,999 --> 00:21:20,090  
it's sort of like this just took such a

511  
00:21:23,980 --> 00:21:22,009  
left turn on his character it's like

512  
00:21:30,879 --> 00:21:23,990  
almost an assault on a character it was

513  
00:21:33,220 --> 00:21:30,889

very I was just very confused if I can

514

00:21:35,560 --> 00:21:33,230

defend the wheel thing Amy I do know

515

00:21:37,149 --> 00:21:35,570

that the United States Air Force was

516

00:21:39,340 --> 00:21:37,159

developing these saucer-shaped craft

517

00:21:44,889 --> 00:21:39,350

that would have to be like wheeled out

518

00:21:46,749 --> 00:21:44,899

onto the tarmac so will takeoff design

519

00:21:50,619 --> 00:21:46,759

yeah it was supposed to be it's not the

520

00:21:53,230 --> 00:21:50,629

avrocar and they did test it but you

521

00:21:54,580 --> 00:21:53,240

know at least as far as we know like it

522

00:21:57,009 --> 00:21:54,590

was just a disaster and they could never

523

00:21:58,509 --> 00:21:57,019

get it to work I mean there's test video

524

00:22:00,279 --> 00:21:58,519

you can see where they're like wobbling

525

00:22:02,109 --> 00:22:00,289

around and looking ridiculous yeah

526

00:22:03,820 --> 00:22:02,119

that's another another one of these

527

00:22:07,450 --> 00:22:03,830

things it was very confusing to me you

528

00:22:10,149 --> 00:22:07,460

know from the UFO side is that one scene

529

00:22:12,999 --> 00:22:10,159

basically sort of incorporated several

530

00:22:15,820 --> 00:22:13,009

things from UFO lore and kind of meshed

531

00:22:18,159 --> 00:22:15,830

them together to be this one thing the

532

00:22:21,249 --> 00:22:18,169

avrocar certainly you know wasn't this

533

00:22:23,200 --> 00:22:21,259

the spacecraft that like disappeared

534

00:22:25,690 --> 00:22:23,210

into a weird vortex right

535

00:22:28,720 --> 00:22:25,700

so that laughs what did it do we did

536

00:22:30,790 --> 00:22:28,730

teleport like I guess we're left

537

00:22:33,370 --> 00:22:30,800

where the show goes next quote fake

538

00:22:38,800 --> 00:22:33,380

Wernher von Braun it worked right all he

539

00:22:40,150 --> 00:22:38,810

says I'm like I was also I just want to

540

00:22:42,390 --> 00:22:40,160

point out with the crop circle in the

541

00:22:46,270 --> 00:22:42,400

field that he says that the the

542

00:22:49,740 --> 00:22:46,280

propulsion system didn't burn the grass

543

00:22:52,510 --> 00:22:49,750

it melted the grass I've found that pod

544

00:22:54,550 --> 00:22:52,520

like doesn't grass is burned grass melts

545

00:23:00,070 --> 00:22:54,560

grass melt not waiter on the set and

546

00:23:01,480 --> 00:23:00,080

it's plastic but yeah I mean I think

547

00:23:04,140 --> 00:23:01,490

what they were doing Ryan was they were

548

00:23:07,020 --> 00:23:04,150

they were taking the the idea the the

549

00:23:10,090 --> 00:23:07,030

legend of the Philadelphia Experiment

550

00:23:12,490 --> 00:23:10,100

yeah we are like you know trying to make

551

00:23:15,250 --> 00:23:12,500

this ship invisible but it like

552

00:23:17,950 --> 00:23:15,260

teleported somewhere else yeah it's just

553

00:23:21,310 --> 00:23:17,960

another another piece from UFO lore and

554

00:23:24,280 --> 00:23:21,320

adding it to the avrocar and having that

555

00:23:26,830 --> 00:23:24,290

be the same story yeah yeah and I mean

556

00:23:29,260 --> 00:23:26,840

Jason you and I know from early press

557

00:23:32,140 --> 00:23:29,270

and publicity photos from the show I

558

00:23:34,720 --> 00:23:32,150

mean this alien behind the glass will

559

00:23:37,780 --> 00:23:34,730

spend like a huge contention as soon as

560

00:23:39,970 --> 00:23:37,790

people saw dr. J Allen Hynek looking at

561

00:23:41,470 --> 00:23:39,980

an alien in a tube a lot of people were

562

00:23:43,540 --> 00:23:41,480

like I'm not even gonna watch the show

563

00:23:45,520 --> 00:23:43,550

he never saw an alien like I'm done

564

00:23:48,580 --> 00:23:45,530

already yeah so it was interesting to

565

00:23:50,530 --> 00:23:48,590

say finally see that image played out

566

00:23:53,770 --> 00:23:50,540

and what it actually represented in the

567

00:23:55,720 --> 00:23:53,780

show's fictional narratives that was

568

00:23:58,900 --> 00:23:55,730

pretty interesting this whole idea that

569

00:24:01,270 --> 00:23:58,910

it was like a von Braun says it was a

570

00:24:03,850 --> 00:24:01,280

you know a monkey Albert that they

571

00:24:06,580 --> 00:24:03,860

wanted to see how it is muscle tissue

572

00:24:08,290 --> 00:24:06,590

was affected in space but then we

573

00:24:11,200 --> 00:24:08,300

learned that maybe that's not exactly

574

00:24:13,030 --> 00:24:11,210

what it was so yeah that whole alien

575

00:24:15,640 --> 00:24:13,040

behind the glass thing was another big

576  
00:24:18,730 --> 00:24:15,650  
contention in the show I think - again I

577  
00:24:21,790 --> 00:24:18,740  
mean it's not something from alien lore

578  
00:24:25,960 --> 00:24:21,800  
UFO lore I just don't know where did

579  
00:24:27,910 --> 00:24:25,970  
that come from I mean kind of different

580  
00:24:29,770 --> 00:24:27,920  
stories yeah I imagine that just comes

581  
00:24:33,850 --> 00:24:29,780  
from you know stories have recovered

582  
00:24:34,529 --> 00:24:33,860  
crash yeah alien spacecraft why is

583  
00:24:36,209 --> 00:24:34,539  
anything

584  
00:24:39,359 --> 00:24:36,219  
well yeah like taking these creatures

585  
00:24:42,539 --> 00:24:39,369  
and keeping them and then forcing them

586  
00:24:44,939 --> 00:24:42,549  
to either work or continuing you do

587  
00:24:46,319 --> 00:24:44,949  
tests on them things like that so yeah I

588  
00:24:49,259 --> 00:24:46,329

didn't have anything to do with any of

589

00:24:52,019 --> 00:24:49,269

this storyline at all right that's a

590

00:24:54,269 --> 00:24:52,029

good point I wanted to ask you Amy you

591

00:24:56,909 --> 00:24:54,279

know being the space historian have

592

00:24:59,310 --> 00:24:56,919

there ever been like documented cases of

593

00:25:01,079 --> 00:24:59,320

like test pilots coming forward and

594

00:25:03,959 --> 00:25:01,089

being like I was forced to like do this

595

00:25:05,579 --> 00:25:03,969

this like secret experiment or like go

596

00:25:07,680 --> 00:25:05,589

up into a flight that I did not want to

597

00:25:10,379 --> 00:25:07,690

do have you ever come across anything

598

00:25:13,049 --> 00:25:10,389

like that no and I thought that was very

599

00:25:17,639 --> 00:25:13,059

odd yeah and also he put up a very weak

600

00:25:21,149 --> 00:25:17,649

fight that guy the only the only thing I

601  
00:25:22,859 --> 00:25:21,159  
can I can recall in sort of any anything

602  
00:25:25,079 --> 00:25:22,869  
of like test pilot doing something that

603  
00:25:27,529 --> 00:25:25,089  
they didn't feel ready for I mean you

604  
00:25:31,229 --> 00:25:27,539  
could argue that like the Apollo 1 crew

605  
00:25:33,089 --> 00:25:31,239  
did not totally feel confident in their

606  
00:25:35,699 --> 00:25:33,099  
mission as they were going but they they

607  
00:25:37,139 --> 00:25:35,709  
didn't have reservations that would sort

608  
00:25:39,869 --> 00:25:37,149  
of cause them to say we're not doing

609  
00:25:41,369 --> 00:25:39,879  
this flight but really their issue and

610  
00:25:43,709 --> 00:25:41,379  
their issue was really that the

611  
00:25:45,359 --> 00:25:43,719  
simulator was not able to keep up with

612  
00:25:46,589 --> 00:25:45,369  
the changes in the spacecraft and they

613  
00:25:48,209 --> 00:25:46,599

wanted to slow down to make sure that

614

00:25:52,099 --> 00:25:48,219

they had to adequate simulator time

615

00:25:55,949 --> 00:25:52,109

there's also the story of a Soyuz 1

616

00:25:59,579 --> 00:25:55,959

vladimir komarov they knew that it was

617

00:26:01,379 --> 00:25:59,589

doomed and yuri gagarin tried like got

618

00:26:03,449 --> 00:26:01,389

himself on backup and tried to like

619

00:26:05,399 --> 00:26:03,459

putting himself in way to protect his

620

00:26:06,719 --> 00:26:05,409

friend and like hoping that the soviet

621

00:26:09,479 --> 00:26:06,729

government would say oh look we can't

622

00:26:11,939 --> 00:26:09,489

risk our national hero so we can't let

623

00:26:13,139 --> 00:26:11,949

him do stuff and like he was hoping to

624

00:26:15,509 --> 00:26:13,149

change that of mine but didn't and he

625

00:26:18,959 --> 00:26:15,519

you know Komarov knew he was dead as

626  
00:26:21,719 --> 00:26:18,969  
soon as he launched but I've never heard

627  
00:26:25,589 --> 00:26:21,729  
with a test pilot like not really

628  
00:26:27,119 --> 00:26:25,599  
wanting to do stuff and it's I couldn't

629  
00:26:29,699 --> 00:26:27,129  
find this because it's the hardest

630  
00:26:33,119 --> 00:26:29,709  
everything to Google if you search a

631  
00:26:36,089 --> 00:26:33,129  
secret you know secret US Air Force test

632  
00:26:37,889 --> 00:26:36,099  
pilot alien you're not gonna get the

633  
00:26:39,659 --> 00:26:37,899  
story that I've read once that I can't

634  
00:26:43,019 --> 00:26:39,669  
remember who it was I think it was I

635  
00:26:45,389 --> 00:26:43,029  
think it was in in the late 40s it might

636  
00:26:46,919 --> 00:26:45,399  
have been one of these tests vivos these

637  
00:26:48,120 --> 00:26:46,929  
vertical takeoff landing things that you

638  
00:26:50,040 --> 00:26:48,130

guys are talking about

639

00:26:52,260 --> 00:26:50,050

but there was a test pilot who was

640

00:26:53,820 --> 00:26:52,270

flying this mission and it crashed and

641

00:26:55,470 --> 00:26:53,830

because it was a secret government

642

00:26:58,110 --> 00:26:55,480

program he was like covered with a

643

00:27:00,960 --> 00:26:58,120

blanket and rushed into the the like

644

00:27:02,850 --> 00:27:00,970

medical area for burns or something and

645

00:27:04,590 --> 00:27:02,860

everyone thought that it was an alien

646

00:27:06,660 --> 00:27:04,600

but it was really just a guy whose

647

00:27:09,990 --> 00:27:06,670

identity had to remain silent because it

648

00:27:12,330 --> 00:27:10,000

was a secret program for R&D and it was

649

00:27:13,710 --> 00:27:12,340

like like I think was Joe Kittinger was

650

00:27:15,300 --> 00:27:13,720

there that day and that's where the

651  
00:27:17,370 --> 00:27:15,310  
story comes from but the still kyndra's

652  
00:27:18,930 --> 00:27:17,380  
being like yeah i was smuggled out of an

653  
00:27:20,820 --> 00:27:18,940  
airplane to protect my identity and

654  
00:27:26,730 --> 00:27:20,830  
everyone thought it was an alien so hi

655  
00:27:28,380 --> 00:27:26,740  
the alien also just Joe Kittinger I was

656  
00:27:30,810 --> 00:27:28,390  
trying to find that little story because

657  
00:27:33,870 --> 00:27:30,820  
that's what it reminded me of but again

658  
00:27:37,590 --> 00:27:33,880  
I it's the hardest Everett little

659  
00:27:38,970 --> 00:27:37,600  
vignette to Google yeah yeah yeah you

660  
00:27:43,380 --> 00:27:38,980  
get all sorts of crap with that search

661  
00:27:47,040 --> 00:27:43,390  
yeah weird stuff comes up not the little

662  
00:27:50,880 --> 00:27:47,050  
story that I needed well just a reminder

663  
00:27:53,070 --> 00:27:50,890

that again this is a fictional show so

664

00:27:54,870 --> 00:27:53,080

the creators and writers are certainly

665

00:27:57,060 --> 00:27:54,880

free to be as creative as they want to

666

00:27:59,760 --> 00:27:57,070

be and they certainly showed us that

667

00:28:02,730 --> 00:27:59,770

with this episode but again reminder

668

00:28:04,170 --> 00:28:02,740

that history does a pretty good job of

669

00:28:05,730 --> 00:28:04,180

providing information about the real

670

00:28:07,380 --> 00:28:05,740

cases they use for inspiration in

671

00:28:08,730 --> 00:28:07,390

Project Blue Book write it right on

672

00:28:10,860 --> 00:28:08,740

their website so they show information

673

00:28:13,080 --> 00:28:10,870

immediately following the episode when

674

00:28:15,360 --> 00:28:13,090

they are on television but if you're

675

00:28:16,620 --> 00:28:15,370

interested in hearing more I recommend

676

00:28:18,240 --> 00:28:16,630

visiting history's website history.com

677

00:28:20,460 --> 00:28:18,250

and watching the short little videos

678

00:28:22,860 --> 00:28:20,470

that they produce the feature UFO

679

00:28:26,520 --> 00:28:22,870

historian Richard Dolan and a lot of UFO

680

00:28:29,520 --> 00:28:26,530

researcher jacques ballet episode 5 a

681

00:28:32,310 --> 00:28:29,530

project Bluebook airs on february 5th

682

00:28:34,050 --> 00:28:32,320

and it looks like that episode tackles

683

00:28:35,940 --> 00:28:34,060

the mysterious aerial phenomena

684

00:28:39,030 --> 00:28:35,950

encountered by world war two pilots

685

00:28:40,650 --> 00:28:39,040

known as Foo Fighters I really wonder

686

00:28:42,720 --> 00:28:40,660

how many people after watching that are

687

00:28:49,560 --> 00:28:42,730

going to be like tagging Dave Grohl on

688

00:28:50,970 --> 00:28:49,570

Twitter it'll probably happen a lot it's

689

00:28:53,490 --> 00:28:50,980

pretty funny but I'm sure Dave will have

690

00:28:55,980 --> 00:28:53,500

fun with that or an upsurge in there

691

00:28:57,900 --> 00:28:55,990

themselves sorry it might help it might

692

00:28:59,850 --> 00:28:57,910

help no it's interesting how things work

693

00:29:02,670 --> 00:28:59,860

like that right they'll all of a sudden

694

00:29:04,350 --> 00:29:02,680

be trending be great yeah well citizens

695

00:29:05,430 --> 00:29:04,360

as we wrap up this episode we invite you

696

00:29:07,440 --> 00:29:05,440

to come join us in the rogue planet

697

00:29:09,480 --> 00:29:07,450

Facebook group at facebook.com slash

698

00:29:10,800 --> 00:29:09,490

group slash rogue planet and let us know

699

00:29:12,600 --> 00:29:10,810

what you thought of the fourth episode

700

00:29:14,100 --> 00:29:12,610

of Project Blue Book or anything else to

701  
00:29:15,870 --> 00:29:14,110  
you up or related that's on your mind

702  
00:29:17,910 --> 00:29:15,880  
you can find more episodes of unknown on

703  
00:29:19,830 --> 00:29:17,920  
Apple podcasts stitcher Google Play I

704  
00:29:22,110 --> 00:29:19,840  
Heart Radio YouTube you know all the

705  
00:29:23,670 --> 00:29:22,120  
podcast places big thanks to our

706  
00:29:25,140 --> 00:29:23,680  
talented friend and fellow rogue planet

707  
00:29:27,300 --> 00:29:25,150  
Eire caleb hanks for the show's intro

708  
00:29:29,040 --> 00:29:27,310  
and outro music of course you can always

709  
00:29:30,330 --> 00:29:29,050  
find this show at rogue planet TV

710  
00:29:32,520 --> 00:29:30,340  
because unknown is a rogue planet

711  
00:29:34,530 --> 00:29:32,530  
production from Planet TV is your home

712  
00:29:35,820 --> 00:29:34,540  
for all things strange it's also where

713  
00:29:37,500 --> 00:29:35,830

you can get your own unknown t-shirt

714

00:29:40,170 --> 00:29:37,510

from the rogue planets store just go to

715

00:29:41,460 --> 00:29:40,180

stores rogue planet TV thanks again for

716

00:29:42,000 --> 00:29:41,470

hanging out with us today I'm Jason

717

00:29:43,890 --> 00:29:42,010

McClellan

718

00:29:45,570 --> 00:29:43,900

I'm Ryan Sprague and I'm Amy Shira

719

00:29:47,460 --> 00:29:45,580

Teitel do us a favour friends always

720

00:29:49,170 --> 00:29:47,470

treat the UFO subject with the cautious

721

00:29:51,360 --> 00:29:49,180

and responsible skepticism it deserves

722

00:29:53,940 --> 00:29:51,370

question everything have the courage to

723

00:29:55,800 --> 00:29:53,950

form your own opinions keep truth as the

724

00:29:58,050 --> 00:29:55,810

focus of your quest even if the truth

725

00:30:00,430 --> 00:29:58,060

conflicts with your opinions and of

726

00:30:00,610 --> 00:30:00,440

course stay strange