

Lockheed Martin Skunkworks Special Projects



JAMES C. GOODALL

AUTHOR - PHOTOGRAPHER - MILITARY HISTORIAN



1
00:00:06,230 --> 00:00:04,190
on today's podcast we are discussing a

2
00:00:08,990 --> 00:00:06,240
very secretive

3
00:00:13,190 --> 00:00:09,000
part of Lockheed Martin

4
00:00:17,689 --> 00:00:13,200
many may know it by the term Skunk Works

5
00:00:19,310 --> 00:00:17,699
some of the most truly awe-inspiring

6
00:00:22,250 --> 00:00:19,320
aeronautics

7
00:00:24,349 --> 00:00:22,260
projects known to man

8
00:00:26,150 --> 00:00:24,359
and we've got just the guy to tell us

9
00:00:26,890 --> 00:00:26,160
about it someone who has worked with

10
00:00:29,750 --> 00:00:26,900
them

11
00:00:34,190 --> 00:00:29,760
collaborated on projects taking

12
00:00:37,310 --> 00:00:34,200
photography images of many of the most

13
00:00:40,190 --> 00:00:37,320

top secret aircraft of all time

14

00:00:49,630 --> 00:00:40,200

so buckle up for an extremely important

15

00:01:03,969 --> 00:00:59,450

[Music]

16

00:01:03,979 --> 00:01:15,429

blast off Blast Off blast off

17

00:01:20,890 --> 00:01:16,770

blast off

18

00:01:24,710 --> 00:01:20,900

[Music]

19

00:01:27,590 --> 00:01:24,720

Blast Off on another epic episode of the

20

00:01:32,749 --> 00:01:27,600

hyper anomalous esoteric research

21

00:01:35,390 --> 00:01:32,759

organization podcast AKA hero paranormal

22

00:01:38,990 --> 00:01:35,400

broadcasting from the base at la Madre

23

00:01:41,690 --> 00:01:39,000

Mountain just south of area 51. my name

24

00:01:45,410 --> 00:01:41,700

is Ryan the anomalous ambassador of the

25

00:01:47,030 --> 00:01:45,420

airwaves bringing you a stealthy episode

26

00:01:53,210 --> 00:01:47,040

today

27

00:01:57,050 --> 00:01:53,220

we have none other than James C Goodall

28

00:02:00,109 --> 00:01:57,060

he is uh someone in the know he's spoken

29

00:02:04,370 --> 00:02:00,119

to people who are behind the top secret

30

00:02:05,569 --> 00:02:04,380

Veil and he has been in touch with many

31

00:02:08,690 --> 00:02:05,579

who

32

00:02:11,150 --> 00:02:08,700

know what to look for when looking for

33

00:02:16,369 --> 00:02:11,160

things that are in the Skunk Works

34

00:02:17,930 --> 00:02:16,379

variety of advanced projects

35

00:02:20,449 --> 00:02:17,940

when it comes to the Aeronautics

36

00:02:23,030 --> 00:02:20,459

industry very few

37

00:02:27,050 --> 00:02:23,040

have the information

38

00:02:30,650 --> 00:02:27,060

and intelligence knowledge as former

39

00:02:32,089 --> 00:02:30,660

Master Sergeant James Goodall

40

00:02:34,369 --> 00:02:32,099

he is

41

00:02:37,990 --> 00:02:34,379

a wealth of information I know this is

42

00:02:41,690 --> 00:02:38,000

going to be an absolutely amazing topic

43

00:02:44,390 --> 00:02:41,700

because we are talking about something

44

00:02:46,369 --> 00:02:44,400

that thrives on tackling seemingly

45

00:02:49,729 --> 00:02:46,379

impossible work

46

00:02:52,369 --> 00:02:49,739

Lockheed Martin Skunk Works

47

00:02:55,430 --> 00:02:52,379

also seemingly impossible is my ability

48

00:02:59,390 --> 00:02:55,440

to understand why all listeners have not

49

00:03:02,030 --> 00:02:59,400

gone to patreon and looked for hero

50

00:03:04,850 --> 00:03:02,040

paranormal there is a ton of content

51
00:03:07,250 --> 00:03:04,860
behind the paywall just go to patreon

52
00:03:09,949 --> 00:03:07,260
look for hero paranormal And subscribe

53
00:03:13,509 --> 00:03:09,959
you can also get a ton of that content

54
00:03:15,229 --> 00:03:13,519
behind the paywall at podbean via

55
00:03:19,729 --> 00:03:15,239
heroparanormal.com

56
00:03:22,250 --> 00:03:19,739
well let's get to it guys here it is

57
00:03:24,610 --> 00:03:22,260
on today's podcast we discuss the top

58
00:03:28,729 --> 00:03:24,620
secret division of Lockheed Martin

59
00:03:31,490 --> 00:03:28,739
conceived in 1943 Skunk Works as it

60
00:03:34,670 --> 00:03:31,500
would be known thereafter super

61
00:03:36,290 --> 00:03:34,680
secretive history making Engineers who

62
00:03:38,809 --> 00:03:36,300
worked on programs

63
00:03:41,630 --> 00:03:38,819

that would gather them a total of six

64

00:03:43,970 --> 00:03:41,640

Collier Trophies the most prestigious

65

00:03:45,589 --> 00:03:43,980

award in aeronautics

66

00:03:48,530 --> 00:03:45,599

period

67

00:03:51,229 --> 00:03:48,540

and it's a tough industry today we speak

68

00:03:53,390 --> 00:03:51,239

with James Goodall

69

00:03:55,509 --> 00:03:53,400

former Master Sergeant at the United

70

00:03:58,190 --> 00:03:55,519

States Air Force

71

00:03:59,930 --> 00:03:58,200

restoration manager at the Museum of Air

72

00:04:02,089 --> 00:03:59,940

flight

73

00:04:03,949 --> 00:04:02,099

former curator at the Pearl Harbor

74

00:04:06,710 --> 00:04:03,959

Aviation Museum

75

00:04:08,210 --> 00:04:06,720

former employee of the kit Peak National

76

00:04:10,910 --> 00:04:08,220

Observatory

77

00:04:13,009 --> 00:04:10,920

and a man who has not only worked in

78

00:04:16,189 --> 00:04:13,019

cooperation with Lockheed Martin's Skunk

79

00:04:18,650 --> 00:04:16,199

Works secret projects but has the

80

00:04:20,569 --> 00:04:18,660

photographs books and life events to

81

00:04:23,090 --> 00:04:20,579

back it up

82

00:04:28,010 --> 00:04:23,100

James Goodall welcome to the hero

83

00:04:32,270 --> 00:04:30,350

it is going great going a lot better now

84

00:04:34,310 --> 00:04:32,280

that I'm talking to you I I've been

85

00:04:37,189 --> 00:04:34,320

wanting to talk to you for a while

86

00:04:41,030 --> 00:04:37,199

you you have a pretty hefty

87

00:04:42,710 --> 00:04:41,040

um background in uh not only your

88

00:04:43,490 --> 00:04:42,720

service to this country thank you for

89

00:04:47,030 --> 00:04:43,500

that

90

00:04:49,670 --> 00:04:47,040

but also in

91

00:04:52,850 --> 00:04:49,680

photographing and witnessing being to

92

00:04:56,510 --> 00:04:52,860

areas that have some of the most super

93

00:04:59,570 --> 00:04:56,520

secretive history making craft that I've

94

00:05:02,150 --> 00:04:59,580

seen and uh tell us a little bit about

95

00:05:04,730 --> 00:05:02,160

yourself how you got to be in

96

00:05:07,610 --> 00:05:04,740

in these positions

97

00:05:10,909 --> 00:05:07,620

uh actually it started when I was about

98

00:05:13,790 --> 00:05:10,919

five now I'm I'm a month away from being

99

00:05:18,469 --> 00:05:13,800

78 so that was a long time ago

100

00:05:20,450 --> 00:05:18,479

I grew up uh this I was in San Jose uh

101
00:05:22,189 --> 00:05:20,460
where we're not that far from San Jose

102
00:05:26,330 --> 00:05:22,199
Municipal Airport

103
00:05:28,730 --> 00:05:26,340
it's 1951 or 52 time frame

104
00:05:31,310 --> 00:05:28,740
and I'd already gone to bed but it was

105
00:05:32,930 --> 00:05:31,320
still light outside my dad came into the

106
00:05:35,689 --> 00:05:32,940
bedroom and said I don't know what's

107
00:05:38,510 --> 00:05:35,699
coming but you got to see it

108
00:05:40,850 --> 00:05:38,520
so I got guys we went back outside and

109
00:05:44,330 --> 00:05:40,860
all you could hear was just a

110
00:05:46,610 --> 00:05:44,340
a deep rumbling I mean it was it was

111
00:05:51,469 --> 00:05:46,620
really eerie sounding and over the coast

112
00:05:53,629 --> 00:05:51,479
mountains came not one but two convair

113
00:05:56,029 --> 00:05:53,639

b36s

114

00:05:58,850 --> 00:05:56,039

and I have that's been imprinted in my

115

00:06:00,710 --> 00:05:58,860

in my brain since that point forward and

116

00:06:02,810 --> 00:06:00,720

I've never and it really changed

117

00:06:04,610 --> 00:06:02,820

everything about what my passions are

118

00:06:06,890 --> 00:06:04,620

and that being

119

00:06:08,390 --> 00:06:06,900

machines primarily but Aviation

120

00:06:11,390 --> 00:06:08,400

specifically

121

00:06:14,210 --> 00:06:11,400

fast forward uh now I'm about 10 years

122

00:06:15,409 --> 00:06:14,220

old 10 11 years old I'm living in the

123

00:06:17,390 --> 00:06:15,419

hardest what it's going to now call

124

00:06:18,890 --> 00:06:17,400

Silicone Valley I was in the mountain

125

00:06:20,390 --> 00:06:18,900

right on the border of Mountain View in

126
00:06:23,029 --> 00:06:20,400
Los Altos

127
00:06:24,350 --> 00:06:23,039
and my best friend's dad was base

128
00:06:27,590 --> 00:06:24,360
commander

129
00:06:29,450 --> 00:06:27,600
at muffin field Naval Air Station and we

130
00:06:32,090 --> 00:06:29,460
were always referred to by the Marine

131
00:06:34,370 --> 00:06:32,100
Securities and the Shore Patrol as

132
00:06:35,210 --> 00:06:34,380
Captain Smith's son and that friend of

133
00:06:40,730 --> 00:06:35,220
his

134
00:06:42,230 --> 00:06:40,740
and I was over there all the time I mean

135
00:06:44,210 --> 00:06:42,240
you know we just

136
00:06:45,890 --> 00:06:44,220
we actually were visible to most

137
00:06:46,969 --> 00:06:45,900
everybody there because we were there so

138
00:06:49,249 --> 00:06:46,979

much

139

00:06:51,050 --> 00:06:49,259

and one day I'm over there and Danny

140

00:06:52,490 --> 00:06:51,060

said hey there's there's something in

141

00:06:53,990 --> 00:06:52,500

the big Hangar that you know the big

142

00:06:56,990 --> 00:06:54,000

hanger won their Moffitt

143

00:06:59,689 --> 00:06:57,000

that you got to see it so we headed we

144

00:07:01,189 --> 00:06:59,699

headed over to uh the big Hangar and we

145

00:07:02,689 --> 00:07:01,199

just rode our bicycles right down the

146

00:07:03,830 --> 00:07:02,699

middle of the hangar

147

00:07:06,529 --> 00:07:03,840

and people didn't even turn around and

148

00:07:09,050 --> 00:07:06,539

look at us because we did it so much

149

00:07:11,510 --> 00:07:09,060

to get to the North End which is the Bay

150

00:07:13,370 --> 00:07:11,520

Side of the big Hangar One

151
00:07:15,650 --> 00:07:13,380
and there was an area that was cordoned

152
00:07:18,529 --> 00:07:15,660
off and said keep out there was no use

153
00:07:20,150 --> 00:07:18,539
of deadly force authorized or uh

154
00:07:21,650 --> 00:07:20,160
whatever I never know then there were no

155
00:07:24,350 --> 00:07:21,660
guards

156
00:07:26,710 --> 00:07:24,360
so Danny you know pulls the curtain back

157
00:07:31,490 --> 00:07:26,720
and I look at this is the

158
00:07:34,309 --> 00:07:31,500
prototype xf-104 Starfighter had been at

159
00:07:36,050 --> 00:07:34,319
NASA Ames it was at the NACA back then

160
00:07:37,790 --> 00:07:36,060
it was in NASA yet

161
00:07:39,650 --> 00:07:37,800
but they were at the big wind tunnel

162
00:07:43,129 --> 00:07:39,660
complex there at Moffett you know the

163
00:07:44,629 --> 00:07:43,139

Ames Ames Research Center

164

00:07:46,370 --> 00:07:44,639

and it's beautiful I mean the world

165

00:07:47,809 --> 00:07:46,380

hadn't seen her had not seen a picture

166

00:07:49,850 --> 00:07:47,819

of the f-104

167

00:07:52,309 --> 00:07:49,860

it was still classified I believe at

168

00:07:54,170 --> 00:07:52,319

that time it was still classified Secret

169

00:07:56,270 --> 00:07:54,180

and we walk around it and here's the

170

00:07:58,370 --> 00:07:56,280

shiny thing it is as beautiful of a

171

00:07:59,409 --> 00:07:58,380

machines even today if you see a

172

00:08:02,749 --> 00:07:59,419

polished

173

00:08:05,210 --> 00:08:02,759

f-104 you'll just go wow and that was

174

00:08:06,469 --> 00:08:05,220

designed in the early 50s so we're going

175

00:08:08,629 --> 00:08:06,479

to kicking you know kicking the tires

176

00:08:10,670 --> 00:08:08,639

looking around and Danny says get in the

177

00:08:12,529 --> 00:08:10,680

cockpit she's gonna move the boarding

178

00:08:16,129 --> 00:08:12,539

router over there open the canopy I get

179

00:08:18,110 --> 00:08:16,139

in close the canopy and latch it and I'm

180

00:08:19,189 --> 00:08:18,120

in here about no minute two minutes and

181

00:08:20,809 --> 00:08:19,199

all of a sudden I started getting

182

00:08:24,110 --> 00:08:20,819

paranoid

183

00:08:26,990 --> 00:08:24,120

uh and also claustrophobic

184

00:08:31,010 --> 00:08:27,000

and I I tried to open unlance the canopy

185

00:08:34,070 --> 00:08:31,020

and it jammed oh my oh yeah what are you

186

00:08:37,490 --> 00:08:34,080

gonna do now so Danny had to go get uh

187

00:08:40,490 --> 00:08:37,500

some maintenance guys and Shore Patrol

188

00:08:42,949 --> 00:08:40,500

to get me out apparently there's some

189

00:08:44,990 --> 00:08:42,959

something was was bad with the linkage

190

00:08:47,570 --> 00:08:45,000

from the ex from the internal handle

191

00:08:50,329 --> 00:08:47,580

versus the external uh release they

192

00:08:52,610 --> 00:08:50,339

finally got me out and we got our butts

193

00:08:54,769 --> 00:08:52,620

chewed on a scale of one to ten it was

194

00:08:56,870 --> 00:08:54,779

about three thousand it was just

195

00:08:58,550 --> 00:08:56,880

hilarious so that's that's where my

196

00:08:59,810 --> 00:08:58,560

first involvement was Skunk Works

197

00:09:03,530 --> 00:08:59,820

airplanes go

198

00:09:05,329 --> 00:09:03,540

and then in March of 1962 I joined the

199

00:09:07,850 --> 00:09:05,339

Air Force so we're moving forward again

200

00:09:10,130 --> 00:09:07,860

I'm 17 years old and

201
00:09:11,750 --> 00:09:10,140
now stationed at Lowry Air Force Base in

202
00:09:13,310 --> 00:09:11,760
Denver Colorado I'm a Communications

203
00:09:15,530 --> 00:09:13,320
specialist

204
00:09:20,210 --> 00:09:15,540
and in uh

205
00:09:23,329 --> 00:09:20,220
in January late January of 1964

206
00:09:25,250 --> 00:09:23,339
I get a set of TDY orders temporary Duty

207
00:09:27,470 --> 00:09:25,260
orders to go from Lowry Air Force Base

208
00:09:30,949 --> 00:09:27,480
to Edwards Air Force Base to help

209
00:09:34,190 --> 00:09:30,959
support three programs on category one

210
00:09:36,410 --> 00:09:34,200
testing I did get I did

211
00:09:38,030 --> 00:09:36,420
ground ground-based Telemetry among

212
00:09:40,730 --> 00:09:38,040
other things

213
00:09:42,290 --> 00:09:40,740

so here I am at Edwards Air Force Base I

214

00:09:45,110 --> 00:09:42,300

mean this is going to be the focal point

215

00:09:47,329 --> 00:09:45,120

of the world as far as cool airplanes

216

00:09:50,870 --> 00:09:47,339

and uh

217

00:09:54,350 --> 00:09:50,880

the morning of January of February 29th

218

00:09:58,430 --> 00:09:54,360

it was a leap year uh someone set up the

219

00:10:01,190 --> 00:09:58,440

DeLeon system on the flight line

220

00:10:03,290 --> 00:10:01,200

and our ability was about eight miles

221

00:10:04,910 --> 00:10:03,300

from the flight line and my vehicle was

222

00:10:07,370 --> 00:10:04,920

gone somebody

223

00:10:10,310 --> 00:10:07,380

had had to heard the alarms go off and

224

00:10:11,990 --> 00:10:10,320

we all had flight line access and it was

225

00:10:14,329 --> 00:10:12,000

gone so I didn't see what happened all I

226

00:10:17,389 --> 00:10:14,339

knew was something incredible came in

227

00:10:20,030 --> 00:10:17,399

and it set off the the delegate system

228

00:10:22,430 --> 00:10:20,040

in the hangar and what it was two yf-12s

229

00:10:24,949 --> 00:10:22,440

came in from Area 51 they turned so

230

00:10:27,050 --> 00:10:24,959

they're you know the rear end is facing

231

00:10:29,630 --> 00:10:27,060

the you know the entrance to the hangar

232

00:10:31,970 --> 00:10:29,640

but the engines are still running

233

00:10:33,170 --> 00:10:31,980

before they shut them off and the heat

234

00:10:36,949 --> 00:10:33,180

was so much

235

00:10:39,470 --> 00:10:36,959

generated so much uh heat in the hanger

236

00:10:42,050 --> 00:10:39,480

from the engine exhaust the Deluge

237

00:10:44,630 --> 00:10:42,060

system uh was activated and that dumps

238

00:10:46,670 --> 00:10:44,640

about 60 000 gallons

239

00:10:49,550 --> 00:10:46,680

almost instantly of water it's going to

240

00:10:52,009 --> 00:10:49,560

put out any fire that's in the hanger

241

00:10:54,050 --> 00:10:52,019

and if I'm grounded the uh

242

00:10:57,110 --> 00:10:54,060

uh the Lockheed decks and that's that's

243

00:10:59,410 --> 00:10:57,120

where it set off all the alarms so fast

244

00:11:02,930 --> 00:10:59,420

forward now where it's uh March 10th

245

00:11:05,750 --> 00:11:02,940

1964. I'm to Tuesday I'm taking a

246

00:11:07,970 --> 00:11:05,760

shuttle flight from Edwards Air Force

247

00:11:10,430 --> 00:11:07,980

Base to Hawthorne California suburb of

248

00:11:11,930 --> 00:11:10,440

La where north of Canada I mean had

249

00:11:14,470 --> 00:11:11,940

their headquarters

250

00:11:17,329 --> 00:11:14,480

and we're going in a

251
00:11:18,650 --> 00:11:17,339
italian-built Piaggio it's a gull Wing

252
00:11:20,170 --> 00:11:18,660
pusher prop

253
00:11:24,110 --> 00:11:20,180
ER airplane

254
00:11:26,090 --> 00:11:24,120
and I hear a Roar and I see debris

255
00:11:27,949 --> 00:11:26,100
blowing them being blown across rocks as

256
00:11:30,350 --> 00:11:27,959
dry like so I run down the taxiway and I

257
00:11:33,410 --> 00:11:30,360
look towards the new Hangar which is

258
00:11:35,990 --> 00:11:33,420
near the xb70 test pad

259
00:11:38,329 --> 00:11:36,000
and I thought it was the X-15 there's a

260
00:11:40,610 --> 00:11:38,339
big gigantic monstrous black

261
00:11:42,829 --> 00:11:40,620
airplane that people Rivals small

262
00:11:44,870 --> 00:11:42,839
walking around it and the fire coming

263
00:11:47,269 --> 00:11:44,880

out of the rear end was just immense and

264

00:11:49,009 --> 00:11:47,279

also they yelled hey we're loading so I

265

00:11:50,750 --> 00:11:49,019

had to run back up the flight line get

266

00:11:52,850 --> 00:11:50,760

into you know the airplane and we took

267

00:11:55,190 --> 00:11:52,860

off going down the flight going down the

268

00:11:56,810 --> 00:11:55,200

tax away and just took off over Rogers

269

00:12:01,310 --> 00:11:56,820

dry like we didn't even go out to the

270

00:12:04,009 --> 00:12:01,320

runway and we banked over

271

00:12:05,990 --> 00:12:04,019

this thing that was on the xb70 test pad

272

00:12:07,550 --> 00:12:06,000

and I'm looking down it already shut

273

00:12:09,889 --> 00:12:07,560

down the engines

274

00:12:12,290 --> 00:12:09,899

and I'm looking down on it and I cannot

275

00:12:13,970 --> 00:12:12,300

believe what I'm seeing I mean it's

276

00:12:16,610 --> 00:12:13,980

it's affected me the rest of my life

277

00:12:17,930 --> 00:12:16,620

here I'm looking down as an 18 year old

278

00:12:19,910 --> 00:12:17,940

kid

279

00:12:22,190 --> 00:12:19,920

looking at the world's most secret

280

00:12:23,990 --> 00:12:22,200

airplane The Mach 3

281

00:12:26,509 --> 00:12:24,000

Interceptor version of the Blackboard

282

00:12:28,850 --> 00:12:26,519

the yf-12 interceptor

283

00:12:30,710 --> 00:12:28,860

and I was I was off the rest of the week

284

00:12:32,690 --> 00:12:30,720

I had a lot of comp time and then that

285

00:12:34,610 --> 00:12:32,700

following Monday morning I got a set of

286

00:12:36,889 --> 00:12:34,620

orders for Lockheed hanger

287

00:12:39,710 --> 00:12:36,899

and I walk in the walkie Tanger and I'm

288

00:12:42,290 --> 00:12:39,720

looking at the back of two black boots

289

00:12:43,790 --> 00:12:42,300

I'm an 18 year old kid who is nuts about

290

00:12:48,050 --> 00:12:43,800

airplanes

291

00:12:51,710 --> 00:12:48,060

and this this set my destiny

292

00:12:53,509 --> 00:12:51,720

so uh when I got out of service I would

293

00:12:55,370 --> 00:12:53,519

you know I really wanted to learn a lot

294

00:12:57,470 --> 00:12:55,380

of information uh

295

00:13:00,110 --> 00:12:57,480

on the Blackbirds and I wrote that

296

00:13:03,650 --> 00:13:00,120

Secretary of Defense uh Secretary of the

297

00:13:05,329 --> 00:13:03,660

Air Force chairman of the Joint Chiefs

298

00:13:09,250 --> 00:13:05,339

um

299

00:13:12,290 --> 00:13:09,260

uh Lockheed and a few other uh people

300

00:13:15,170 --> 00:13:12,300

asking for not for and I'm willing to

301

00:13:17,569 --> 00:13:15,180

pay the the going price for

302

00:13:18,769 --> 00:13:17,579

uh for photos

303

00:13:22,610 --> 00:13:18,779

so

304

00:13:24,650 --> 00:13:22,620

the Blackbird

305

00:13:26,750 --> 00:13:24,660

and their official party back then was

306

00:13:29,389 --> 00:13:26,760

not to cooperate

307

00:13:30,769 --> 00:13:29,399

so I had to start digging and the more I

308

00:13:33,170 --> 00:13:30,779

dug the more I found out the more I

309

00:13:35,090 --> 00:13:33,180

found out the deeper I dug and over the

310

00:13:37,009 --> 00:13:35,100

course of the last 50 years I became

311

00:13:38,449 --> 00:13:37,019

from a historical point of view not

312

00:13:40,910 --> 00:13:38,459

necessarily huge at any point of view

313

00:13:44,329 --> 00:13:40,920

but if I'm a historical point of view

314

00:13:46,550 --> 00:13:44,339

the most knowledgeable person

315

00:13:48,530 --> 00:13:46,560

probably outside of maybe two or three

316

00:13:50,389 --> 00:13:48,540

people and they're probably dead now

317

00:13:53,810 --> 00:13:50,399

because it's become the program is

318

00:13:56,269 --> 00:13:53,820

because that's you know to the late 50s

319

00:13:58,190 --> 00:13:56,279

uh I'm probably the most knowledgeable

320

00:14:00,350 --> 00:13:58,200

person from a historical point of view

321

00:14:02,870 --> 00:14:00,360

I've interviewed everybody that pretty

322

00:14:04,850 --> 00:14:02,880

much that's crashed one and survived

323

00:14:07,009 --> 00:14:04,860

they they crashed 20 blackbirds they

324

00:14:10,009 --> 00:14:07,019

only had four fatalities

325

00:14:12,050 --> 00:14:10,019

and it's it's just a passion of mine so

326

00:14:13,310 --> 00:14:12,060

I started digging and the more I dug the

327

00:14:14,870 --> 00:14:13,320

more I found out the more I found out

328

00:14:16,730 --> 00:14:14,880

the deeper I dug

329

00:14:19,190 --> 00:14:16,740

so over the course of 50 years it came

330

00:14:22,610 --> 00:14:19,200

to a point where literally there wasn't

331

00:14:24,050 --> 00:14:22,620

anything that about the Blackbirds from

332

00:14:24,889 --> 00:14:24,060

a historical point of view that I didn't

333

00:14:26,629 --> 00:14:24,899

know

334

00:14:29,210 --> 00:14:26,639

so then I decided I was going to write a

335

00:14:31,910 --> 00:14:29,220

book on on the F-117

336

00:14:33,590 --> 00:14:31,920

and this time I knew it I knew what the

337

00:14:35,810 --> 00:14:33,600

game plan was I knew they weren't going

338

00:14:38,810 --> 00:14:35,820

to cooperate so I didn't even ask it I

339

00:14:41,329 --> 00:14:38,820

just I went forward with it and one

340

00:14:43,370 --> 00:14:41,339

thing led to another and I've I hated

341

00:14:45,470 --> 00:14:43,380

current papers in high school and I

342

00:14:47,569 --> 00:14:45,480

hated term papers when I was at

343

00:14:51,170 --> 00:14:47,579

University of Minnesota

344

00:14:53,569 --> 00:14:51,180

I said I just it's not what I wanted to

345

00:14:55,430 --> 00:14:53,579

do and where am I now I'm trying to

346

00:14:56,030 --> 00:14:55,440

figure out what my 30th book is going to

347

00:15:02,150 --> 00:14:56,040

be

348

00:15:04,790 --> 00:15:02,160

and and that you don't make any money

349

00:15:05,810 --> 00:15:04,800

being a writer so don't get me wrong I

350

00:15:11,030 --> 00:15:05,820

mean literally

351
00:15:14,030 --> 00:15:11,040
if you break down what I earned per hour

352
00:15:17,269 --> 00:15:14,040
writing my books not counting expenses

353
00:15:19,910 --> 00:15:17,279
like cameras and travel and hotel and

354
00:15:23,269 --> 00:15:19,920
and everything else that goes with being

355
00:15:26,530 --> 00:15:23,279
out in the field I probably would gross

356
00:15:31,189 --> 00:15:26,540
not net but gross probably two or three

357
00:15:33,470 --> 00:15:31,199
cents an hour to put into it but I did

358
00:15:35,689 --> 00:15:33,480
is a passion this is not this is not a

359
00:15:38,810 --> 00:15:35,699
job this is this is something that comes

360
00:15:41,629 --> 00:15:38,820
from deep inside me and it's something I

361
00:15:44,509 --> 00:15:41,639
I just feels I thoroughly thoroughly uh

362
00:15:47,629 --> 00:15:44,519
enjoy and I love it

363
00:15:49,910 --> 00:15:47,639

it's so amazing and before we we kind of

364

00:15:52,550 --> 00:15:49,920

get deeper into this let's before we

365

00:15:55,970 --> 00:15:52,560

forget let's tell listeners

366

00:15:57,889 --> 00:15:55,980

um where they can get your books and we

367

00:16:02,210 --> 00:15:57,899

purchase them because obviously that

368

00:16:06,949 --> 00:16:04,189

if you're in if you're into the

369

00:16:08,269 --> 00:16:06,959

Blackbird or into the Skunk Works or

370

00:16:10,550 --> 00:16:08,279

into the

371

00:16:13,129 --> 00:16:10,560

stealth bomber or even the other the

372

00:16:15,470 --> 00:16:13,139

other stealth machines that I focus on

373

00:16:18,350 --> 00:16:15,480

our United States nuclear powered

374

00:16:22,250 --> 00:16:18,360

submarines I have two books

375

00:16:26,629 --> 00:16:22,260

on one first volume one is on the Los

376

00:16:29,810 --> 00:16:26,639

Angeles class 688 and the 68 688 eyes

377

00:16:34,310 --> 00:16:29,820

plus our adversaries such as the Chinese

378

00:16:37,310 --> 00:16:34,320

the Russians the North Koreans and Iran

379

00:16:41,210 --> 00:16:37,320

and uh

380

00:16:44,030 --> 00:16:42,949

I don't know when hell was going I just

381

00:16:46,129 --> 00:16:44,040

lost track

382

00:16:48,290 --> 00:16:46,139

but it's it's something I do it's just

383

00:16:51,050 --> 00:16:48,300

it's something I just I'm compelled to

384

00:16:52,490 --> 00:16:51,060

do I I believe that I have to I have to

385

00:16:53,090 --> 00:16:52,500

you know

386

00:16:55,009 --> 00:16:53,100

um

387

00:16:56,749 --> 00:16:55,019

protect history

388

00:16:58,430 --> 00:16:56,759

because I'm a historian that's that's

389

00:17:00,889 --> 00:16:58,440

what I wanted to be when I was a young

390

00:17:02,329 --> 00:17:00,899

kid when I was in high school when I was

391

00:17:04,610 --> 00:17:02,339

a juvenile delinquent so it didn't

392

00:17:07,789 --> 00:17:04,620

really help me any but

393

00:17:10,189 --> 00:17:07,799

I I wanted to be a high school history

394

00:17:12,770 --> 00:17:10,199

teacher I absolutely love us ESPN

395

00:17:14,630 --> 00:17:12,780

history in general and when I was when I

396

00:17:16,789 --> 00:17:14,640

was on the Pentagon at Desert Storm that

397

00:17:20,270 --> 00:17:16,799

was I was a tech sergeant I I

398

00:17:23,150 --> 00:17:20,280

volunteered to go to Saudi Arabia

399

00:17:25,730 --> 00:17:23,160

for a year minimum of a year to do you

400

00:17:28,429 --> 00:17:25,740

know to do classified interviews from

401
00:17:30,049 --> 00:17:28,439
Schwarzkopf on down but since I was so

402
00:17:33,049 --> 00:17:30,059
controversial

403
00:17:35,210 --> 00:17:33,059
um my F-117 book was out and they felt I

404
00:17:36,529 --> 00:17:35,220
Knew Too Much they didn't want me in a

405
00:17:39,770 --> 00:17:36,539
foreign country with that information

406
00:17:41,750 --> 00:17:39,780
especially in a time of conflict

407
00:17:44,330 --> 00:17:41,760
so it's just you know one thing is led

408
00:17:45,650 --> 00:17:44,340
into another I'm uh I have been honored

409
00:17:47,710 --> 00:17:45,660
to meet some of the most incredible

410
00:17:51,289 --> 00:17:47,720
people in the in the world of Aviation

411
00:17:53,690 --> 00:17:51,299
uh I met Kelly Johnson Ben Rich his

412
00:17:57,409 --> 00:17:53,700
replacement at the Skunk Works we

413
00:18:00,350 --> 00:17:57,419

communicated once a quarter for 25 years

414

00:18:02,150 --> 00:18:00,360

and he's that is the reason well I was

415

00:18:05,930 --> 00:18:02,160

able to scrounge

416

00:18:09,230 --> 00:18:05,940

the eighth production a12 blackbird

417

00:18:10,549 --> 00:18:09,240

for the Minnesota Air Guard Museum and

418

00:18:12,470 --> 00:18:10,559

uh

419

00:18:13,490 --> 00:18:12,480

and everybody was dumbfounded I went to

420

00:18:14,930 --> 00:18:13,500

my boss and say I want to get a

421

00:18:16,130 --> 00:18:14,940

Blackburn for our Museum he started

422

00:18:18,350 --> 00:18:16,140

laughing at me

423

00:18:19,370 --> 00:18:18,360

General Schwab says why are you going to

424

00:18:21,890 --> 00:18:19,380

get it here

425

00:18:24,890 --> 00:18:21,900

and I told him

426
00:18:27,710 --> 00:18:24,900
he was a little bit flabbergasted and I

427
00:18:29,870 --> 00:18:27,720
had five let me step backwards I had uh

428
00:18:31,010 --> 00:18:29,880
five years active duty I had a 10-year

429
00:18:33,049 --> 00:18:31,020
break

430
00:18:35,690 --> 00:18:33,059
and then I wanted access to military

431
00:18:36,950 --> 00:18:35,700
bases to shoot airplanes photograph

432
00:18:39,890 --> 00:18:36,960
airplanes

433
00:18:41,930 --> 00:18:39,900
so I uh

434
00:18:44,930 --> 00:18:41,940
I decided to join the Minnesota Air

435
00:18:47,630 --> 00:18:44,940
National Guard as a historian

436
00:18:50,750 --> 00:18:47,640
and I needed one and I spent 21 years

437
00:18:52,909 --> 00:18:50,760
with the Minnesota Air Guard and that

438
00:18:54,529 --> 00:18:52,919

got me into a lot of places so I'm

439

00:18:55,909 --> 00:18:54,539

talking to Major General Al Schwab and

440

00:18:57,350 --> 00:18:55,919

they said General Schwab I want I want

441

00:18:58,970 --> 00:18:57,360

to get a Blackboard for the museum he

442

00:19:01,730 --> 00:18:58,980

starts laughing at me

443

00:19:02,690 --> 00:19:01,740

I said sir do me a favor I said what's

444

00:19:07,190 --> 00:19:02,700

this

445

00:19:08,930 --> 00:19:07,200

he said give me an opportunity to fail

446

00:19:11,450 --> 00:19:08,940

and he said all right smarty how are you

447

00:19:13,190 --> 00:19:11,460

going to get it here

448

00:19:15,049 --> 00:19:13,200

because we said we don't have money to

449

00:19:17,330 --> 00:19:15,059

transport it I said I already got that

450

00:19:19,789 --> 00:19:17,340

covered so what do you mean you got that

451

00:19:22,130 --> 00:19:19,799

covered I said I called the adjunate

452

00:19:23,930 --> 00:19:22,140

general who stayed in New York uh Paul

453

00:19:26,390 --> 00:19:23,940

Weaver and I called his office and the

454

00:19:28,730 --> 00:19:26,400

secretary answered I said yes ma'am this

455

00:19:31,070 --> 00:19:28,740

is uh Sergeant Goodall with the 133rd

456

00:19:32,810 --> 00:19:31,080

that would be the 133 airlift Wing in

457

00:19:34,190 --> 00:19:32,820

Minneapolis Saint Paul International

458

00:19:36,350 --> 00:19:34,200

Airport

459

00:19:38,570 --> 00:19:36,360

that's where it's based at he said I

460

00:19:40,190 --> 00:19:38,580

have uh is the General in and she says

461

00:19:41,210 --> 00:19:40,200

yes sir just a minute I'll put you

462

00:19:46,310 --> 00:19:41,220

through

463

00:19:49,250 --> 00:19:46,320

he gets on the phone and we're chatting

464

00:19:52,370 --> 00:19:49,260

away and he says uh science how can I

465

00:19:55,549 --> 00:19:52,380

help you I said sir I have a request

466

00:19:59,810 --> 00:19:55,559

how would you know how would you like

467

00:19:59,820 --> 00:20:04,490

be able to uh

468

00:20:10,549 --> 00:20:07,850

or my mind just went away a second

469

00:20:12,169 --> 00:20:10,559

how would you like to move the world's

470

00:20:15,650 --> 00:20:12,179

fast this airplane

471

00:20:18,350 --> 00:20:15,660

in one of your c5s

472

00:20:21,049 --> 00:20:18,360

he said I mean it was if he said you

473

00:20:23,570 --> 00:20:21,059

mean the Blackbird and I said yes sir

474

00:20:25,730 --> 00:20:23,580

he said when you're ready you call Will

475

00:20:28,250 --> 00:20:25,740

Hall

476
00:20:31,010 --> 00:20:28,260
so that was taken care of that was taken

477
00:20:33,169 --> 00:20:31,020
care of now now I have a way of getting

478
00:20:36,529 --> 00:20:33,179
it there

479
00:20:41,390 --> 00:20:38,990
and uh you know just you know just one

480
00:20:43,549 --> 00:20:41,400
one thing just just uh led to another

481
00:20:44,450 --> 00:20:43,559
you know like we got the permission from

482
00:20:50,029 --> 00:20:44,460
uh

483
00:20:52,490 --> 00:20:50,039
a blackbird I convinced the entire

484
00:20:54,169 --> 00:20:52,500
Minnesota Congressional delegations at

485
00:20:55,490 --> 00:20:54,179
the time five Democrats and five

486
00:20:57,770 --> 00:20:55,500
Republicans

487
00:20:59,330 --> 00:20:57,780
to sign the letters stating that there's

488
00:21:02,390 --> 00:20:59,340

a lot of Minnesota Connection in the

489

00:21:04,810 --> 00:21:02,400

Blackbirds Rosemont for one digital

490

00:21:08,570 --> 00:21:04,820

static picotube along the air data stuff

491

00:21:11,029 --> 00:21:08,580

Honeywell which uh manufactured built

492

00:21:13,010 --> 00:21:11,039

and designed all of the electronics the

493

00:21:15,890 --> 00:21:13,020

the stabilization augmentation system

494

00:21:17,570 --> 00:21:15,900

the autopilot the inlet control system a

495

00:21:20,270 --> 00:21:17,580

bunch of other electronics

496

00:21:21,650 --> 00:21:20,280

and uh 3M with their adhesives and

497

00:21:24,529 --> 00:21:21,660

shelled all with their you know where

498

00:21:28,669 --> 00:21:24,539

they're flexible circuits so that and

499

00:21:30,770 --> 00:21:28,679

four of the original a12 Pilots learned

500

00:21:33,590 --> 00:21:30,780

how to fly

501
00:21:35,210 --> 00:21:33,600
in your guard I got their you know got

502
00:21:37,909 --> 00:21:35,220
their you know their you know their

503
00:21:39,710 --> 00:21:37,919
wings in their cart and they were uh

504
00:21:41,210 --> 00:21:39,720
blue shock who was the first guy to fly

505
00:21:43,970 --> 00:21:41,220
the airplane

506
00:21:46,730 --> 00:21:43,980
uh it was uh Jimmy Sam was the first guy

507
00:21:49,250 --> 00:21:46,740
to fly the yf-12 Interceptor and Bob

508
00:21:52,970 --> 00:21:49,260
Dylan was the first guy to fly the f-10

509
00:21:54,770 --> 00:21:52,980
I mean the uh the SR-71 and all three

510
00:21:56,810 --> 00:21:54,780
three of those guys learned how to fly

511
00:21:58,430 --> 00:21:56,820
with the air guard

512
00:22:02,210 --> 00:21:58,440
not going in with the Tennessee Air

513
00:22:05,090 --> 00:22:02,220

Guard uh Lou and Jim eustim uh with the

514

00:22:06,470 --> 00:22:05,100

George air guard so there's a lot of air

515

00:22:08,330 --> 00:22:06,480

guide influence in there and because

516

00:22:11,149 --> 00:22:08,340

you're at the Air Force Museum felt

517

00:22:13,010 --> 00:22:11,159

Justified to say okay

518

00:22:14,510 --> 00:22:13,020

it's yours how are you going to get it

519

00:22:16,970 --> 00:22:14,520

there

520

00:22:20,090 --> 00:22:16,980

and uh I felt that wasn't the problem

521

00:22:22,070 --> 00:22:20,100

because I already had that figured out

522

00:22:26,330 --> 00:22:22,080

and so we got the we got the approval

523

00:22:29,750 --> 00:22:26,340

and then on uh in August of course uh so

524

00:22:32,870 --> 00:22:29,760

not Hussein invaded uh Kuwait and that

525

00:22:37,250 --> 00:22:32,880

board is sort of put things uh in a jam

526

00:22:40,490 --> 00:22:37,260

but we eventually got it and the in

527

00:22:43,930 --> 00:22:40,500

October of 2000 correction in 1991 not

528

00:22:47,210 --> 00:22:43,940

2000. over 30 years ago now

529

00:22:48,710 --> 00:22:47,220

our team went to Palmdale to dismantle

530

00:22:59,750 --> 00:22:48,720

the

531

00:23:01,250 --> 00:22:59,760

station 112 we did that in uh two and a

532

00:23:04,190 --> 00:23:01,260

half days

533

00:23:06,710 --> 00:23:04,200

which uh but I had three Chief masses

534

00:23:09,950 --> 00:23:06,720

are just e9s three senior master

535

00:23:13,490 --> 00:23:09,960

sergeants he ate and the rest of us were

536

00:23:15,049 --> 00:23:13,500

either uh p7s or E sixes and there was a

537

00:23:17,930 --> 00:23:15,059

it was a

538

00:23:19,610 --> 00:23:17,940

the baker's dozen there was 13 of us and

539

00:23:21,409 --> 00:23:19,620

we just we just knew what to do I mean

540

00:23:22,970 --> 00:23:21,419

all these guys have been maintenance

541

00:23:26,750 --> 00:23:22,980

guys on Lockheed airplanes primarily

542

00:23:29,750 --> 00:23:26,760

c-130s for you know 30 or 40 years so we

543

00:23:31,850 --> 00:23:29,760

had I had the best of the best as far as

544

00:23:34,970 --> 00:23:31,860

helping me taking the thing apart

545

00:23:37,190 --> 00:23:34,980

and just one thing led to another and

546

00:23:39,350 --> 00:23:37,200

um we had a we had her apart and we had

547

00:23:41,630 --> 00:23:39,360

to wait uh a week and a half or two

548

00:23:44,210 --> 00:23:41,640

weeks

549

00:23:46,370 --> 00:23:44,220

for the C5 to be available and they

550

00:23:50,890 --> 00:23:46,380

became available and I flew back out to

551
00:23:53,270 --> 00:23:50,900
uh California after we went on our C130

552
00:23:57,230 --> 00:23:53,280
back to Palmdale

553
00:23:58,730 --> 00:23:57,240
and we loaded the uh peace Lodge on its

554
00:24:02,330 --> 00:23:58,740
landing gear

555
00:24:03,770 --> 00:24:02,340
to the inside of New York air guard c5a

556
00:24:06,350 --> 00:24:03,780
and then

557
00:24:08,630 --> 00:24:06,360
second C5 we put the engine the cells

558
00:24:11,090 --> 00:24:08,640
now to Wing panels and those two items

559
00:24:14,990 --> 00:24:11,100
comprised of filling up in both

560
00:24:18,590 --> 00:24:15,000
airplanes almost completely so it's a

561
00:24:23,630 --> 00:24:18,600
it's a really really really big airplane

562
00:24:25,669 --> 00:24:23,640
it's on the 27th of October 1991 we've

563
00:24:29,210 --> 00:24:25,679

we flew from

564

00:24:31,850 --> 00:24:29,220

Palmdale up to Travis to get gas spent

565

00:24:33,950 --> 00:24:31,860

the night there the next morning we take

566

00:24:36,590 --> 00:24:33,960

off we're heading to Minnesota

567

00:24:40,310 --> 00:24:36,600

and we're about 15 you know about 40

568

00:24:41,930 --> 00:24:40,320

minutes out after taking off and the lug

569

00:24:44,029 --> 00:24:41,940

Master he was a chief Master Sergeant

570

00:24:46,310 --> 00:24:44,039

he's uh he's going to go down and check

571

00:24:47,930 --> 00:24:46,320

the load make sure nothing is shifted

572

00:24:50,149 --> 00:24:47,940

because we only had an inch and a half

573

00:24:52,430 --> 00:24:50,159

of clearance well on the four rails when

574

00:24:56,090 --> 00:24:52,440

we brought the airplane in and but there

575

00:24:58,430 --> 00:24:56,100

was about 40 chains holding it secure

576

00:24:59,750 --> 00:24:58,440

so I asked the chief I said hey can I go

577

00:25:02,630 --> 00:24:59,760

down with you as well normally the

578

00:25:05,390 --> 00:25:02,640

answer would be no but since this is

579

00:25:08,330 --> 00:25:05,400

uh you know this is your project come on

580

00:25:10,190 --> 00:25:08,340

down so I came on down with him and I I

581

00:25:11,930 --> 00:25:10,200

sort of walked around the airplane what

582

00:25:15,529 --> 00:25:11,940

you know a good one then I

583

00:25:17,210 --> 00:25:15,539

climbed up in the landing gear on walked

584

00:25:19,850 --> 00:25:17,220

along the Chimes and I had the canopy

585

00:25:22,070 --> 00:25:19,860

blocked open with wheel chock

586

00:25:25,310 --> 00:25:22,080

because there was no there was no uh

587

00:25:26,810 --> 00:25:25,320

nitrogen in the counterbalance so I

588

00:25:29,630 --> 00:25:26,820

opened the canopy

589

00:25:31,909 --> 00:25:29,640

get the truck off you know put it right

590

00:25:33,590 --> 00:25:31,919

between my legs sat down I had a bucket

591

00:25:35,990 --> 00:25:33,600

in a five gallon bucket with a cushion

592

00:25:37,730 --> 00:25:36,000

in there and I closed the canopy so I'm

593

00:25:39,049 --> 00:25:37,740

in there

594

00:25:42,470 --> 00:25:39,059

for

595

00:25:44,750 --> 00:25:42,480

a good 45 50 minutes I mean I'm just

596

00:25:46,730 --> 00:25:44,760

sitting there going to in my head going

597

00:25:49,130 --> 00:25:46,740

zoom zoom look at me I'm flying the

598

00:25:50,690 --> 00:25:49,140

Blackbird in a few minutes and then all

599

00:25:52,970 --> 00:25:50,700

of a sudden I see a wrap on the bottom

600

00:25:54,470 --> 00:25:52,980

of the uh fuselage and I open the

601
00:25:56,510 --> 00:25:54,480
canopies yeah we gotta go back upstairs

602
00:25:58,669 --> 00:25:56,520
I said I got to go back up and I can't

603
00:26:00,590 --> 00:25:58,679
have you down by you know by yourself so

604
00:26:02,690 --> 00:26:00,600
I went back upstairs

605
00:26:05,090 --> 00:26:02,700
and now we're in our Final Approach into

606
00:26:06,950 --> 00:26:05,100
uh into Minnesota we're just starting to

607
00:26:09,529 --> 00:26:06,960
descend and so we can have about 30

608
00:26:11,870 --> 00:26:09,539
minutes before we touch down

609
00:26:14,390 --> 00:26:11,880
and the Chief came back to me and said

610
00:26:16,190 --> 00:26:14,400
no the boss said uh you can ride in the

611
00:26:18,710 --> 00:26:16,200
cockpit when we land

612
00:26:21,049 --> 00:26:18,720
so in C5 there's a behind the wing box

613
00:26:23,149 --> 00:26:21,059

there's room for 75 troops

614

00:26:25,669 --> 00:26:23,159

and forward the wing box is the flight

615

00:26:29,570 --> 00:26:25,679

deck as well I'm already here he said no

616

00:26:30,890 --> 00:26:29,580

no down down below so I went back down I

617

00:26:33,049 --> 00:26:30,900

got in

618

00:26:35,750 --> 00:26:33,059

back into the cockpit

619

00:26:38,210 --> 00:26:35,760

and we landed you landed the C5 and when

620

00:26:40,850 --> 00:26:38,220

when this when the a12 was rolled out of

621

00:26:42,890 --> 00:26:40,860

the C5 I'm still in the cockpit

622

00:26:44,690 --> 00:26:42,900

and you couldn't have knocked the grin

623

00:26:46,070 --> 00:26:44,700

off my face with a two by four with

624

00:26:49,610 --> 00:26:46,080

nails on it

625

00:26:51,049 --> 00:26:49,620

and and I called when I you know finally

626

00:26:53,390 --> 00:26:51,059

all the Death settled the next day I

627

00:26:55,909 --> 00:26:53,400

called Ben rich and they said Ben I

628

00:26:58,789 --> 00:26:55,919

think I hold a blackbird record

629

00:27:01,490 --> 00:26:58,799

that no one will ever to be able to beat

630

00:27:03,890 --> 00:27:01,500

he said what's that I said I'm the only

631

00:27:05,510 --> 00:27:03,900

person on the planet

632

00:27:10,970 --> 00:27:05,520

and has been in the cockpit of a

633

00:27:13,909 --> 00:27:10,980

blackbird at 33 000 feet at Mach 0.72

634

00:27:17,450 --> 00:27:13,919

inside another airplane

635

00:27:20,210 --> 00:27:17,460

and he he said he was laughing so hard

636

00:27:22,610 --> 00:27:20,220

he almost wet his pants this is poor Ben

637

00:27:25,310 --> 00:27:22,620

Rich he said you know I'm almost tempted

638

00:27:29,149 --> 00:27:25,320

to issue a Mach 3 minus card

639

00:27:32,330 --> 00:27:29,159

but he didn't so uh and just one thing

640

00:27:35,269 --> 00:27:32,340

led to another I mean and now uh

641

00:27:37,010 --> 00:27:35,279

you know there was sort of a

642

00:27:38,690 --> 00:27:37,020

the Air Force Museum didn't know what to

643

00:27:40,730 --> 00:27:38,700

do with the Minnesota Air Guard Museum

644

00:27:42,769 --> 00:27:40,740

because it was the only one in in you

645

00:27:45,470 --> 00:27:42,779

know and there's uh

646

00:27:48,470 --> 00:27:45,480

under their control

647

00:27:51,769 --> 00:27:48,480

and in between Christmas and in between

648

00:27:55,070 --> 00:27:51,779

Thanksgiving and Christmas they sent a

649

00:27:56,269 --> 00:27:55,080

uh note a letter or email or whatever it

650

00:27:59,029 --> 00:27:56,279

was too

651
00:28:01,250 --> 00:27:59,039
um our wing headquarters saying that the

652
00:28:03,110 --> 00:28:01,260
Air Force Museum

653
00:28:06,409 --> 00:28:03,120
has decided they were gonna they were

654
00:28:08,750 --> 00:28:06,419
gonna take the a12 away from us

655
00:28:10,730 --> 00:28:08,760
and they we had 60 days in which to

656
00:28:12,950 --> 00:28:10,740
protest

657
00:28:14,750 --> 00:28:12,960
12 30 of those days were already used

658
00:28:18,769 --> 00:28:14,760
I'm on 45 there was days around almost

659
00:28:21,110 --> 00:28:18,779
used up before anybody even read the uh

660
00:28:22,850 --> 00:28:21,120
the email or the text

661
00:28:24,950 --> 00:28:22,860
so they eventually took it and that

662
00:28:27,049 --> 00:28:24,960
really upset the hell out of me so it's

663
00:28:30,710 --> 00:28:27,059

not there anymore but I had I had the uh

664

00:28:33,710 --> 00:28:30,720

the honor and the privilege of uh being

665

00:28:36,590 --> 00:28:33,720

its uh caretaker for uh

666

00:28:37,549 --> 00:28:36,600

a decade and a half and I'm I'm honored

667

00:28:40,970 --> 00:28:37,559

for that

668

00:28:45,049 --> 00:28:40,980

and then uh was it

669

00:28:47,750 --> 00:28:45,059

beginning of uh 2012.

670

00:28:50,090 --> 00:28:47,760

I contacted Lockheed and I said uh would

671

00:28:52,970 --> 00:28:50,100

you be interested in in

672

00:28:54,350 --> 00:28:52,980

a book covering the 75 years of

673

00:28:57,830 --> 00:28:54,360

Milwaukee skunk work says here because

674

00:29:01,010 --> 00:28:57,840

the anniversary is coming up in 2013.

675

00:29:03,169 --> 00:29:01,020

and he said yeah and then there for a

676
00:29:05,510 --> 00:29:03,179
while there was some talk about them you

677
00:29:08,269 --> 00:29:05,520
know actually funding it but at the very

678
00:29:10,250 --> 00:29:08,279
last minute I got a I got a call from

679
00:29:12,409 --> 00:29:10,260
Lockheed said that you know even even

680
00:29:14,330 --> 00:29:12,419
though we'd love to have it

681
00:29:15,890 --> 00:29:14,340
um The Bean counters you know those are

682
00:29:19,370 --> 00:29:15,900
the idiots that we have to deal with

683
00:29:20,930 --> 00:29:19,380
unfortunately the green counters uh said

684
00:29:21,830 --> 00:29:20,940
that you know that it wasn't in the

685
00:29:25,850 --> 00:29:21,840
budget

686
00:29:28,370 --> 00:29:25,860
so I did it on my own and I ended up uh

687
00:29:30,230 --> 00:29:28,380
during my 75 years of Lockheed Skunk

688
00:29:34,970 --> 00:29:30,240

Works

689

00:29:37,669 --> 00:29:34,980

it's 384 pages one photo short of 1300

690

00:29:39,470 --> 00:29:37,679

about a hundred thousand uh words of

691

00:29:43,490 --> 00:29:39,480

text it's hard bound

692

00:29:45,529 --> 00:29:43,500

and it covers 43 programs that were that

693

00:29:48,470 --> 00:29:45,539

were created you know within the

694

00:29:50,269 --> 00:29:48,480

Lockheed Skunk Works there's probably 43

695

00:29:51,830 --> 00:29:50,279

that I know nothing about that are so

696

00:29:54,049 --> 00:29:51,840

black that no one knows anything about

697

00:29:56,690 --> 00:29:54,059

them unbelievable

698

00:29:58,610 --> 00:29:56,700

and so uh where's the best place to

699

00:30:01,789 --> 00:29:58,620

where's the best place for listeners to

700

00:30:03,889 --> 00:30:01,799

purchase that book Jim the best the best

701
00:30:05,990 --> 00:30:03,899
place to get in all my books especially

702
00:30:09,529 --> 00:30:06,000
if you're a Prime member and I don't

703
00:30:11,269 --> 00:30:09,539
work for for Amazon or do I have any

704
00:30:15,350 --> 00:30:11,279
affiliation with them but it's just a

705
00:30:20,029 --> 00:30:15,360
cheap way to go if you go to amazon.com

706
00:30:24,590 --> 00:30:20,039
put in in the uh search bar books by

707
00:30:26,690 --> 00:30:24,600
James C Goodall g-o-o-d-a-l-l

708
00:30:28,730 --> 00:30:26,700
and I know all my hard for my hardcover

709
00:30:31,330 --> 00:30:28,740
books will pop up immediately but but I

710
00:30:34,970 --> 00:30:31,340
have like I say I have

711
00:30:36,169 --> 00:30:34,980
I'm trying to figure out what my 30th

712
00:30:38,570 --> 00:30:36,179
book is going to be and I think it's

713
00:30:41,330 --> 00:30:38,580

going to be interviews at Mach 3

714

00:30:44,750 --> 00:30:41,340

I have a lot of those uh from Blackboard

715

00:30:46,549 --> 00:30:44,760

Pilots that's awesome and just for for

716

00:30:48,950 --> 00:30:46,559

listeners um if they're not familiar

717

00:30:52,190 --> 00:30:48,960

with Ben Rich he's the uh second

718

00:30:54,470 --> 00:30:52,200

director of Lockheed Skunk Works and he

719

00:30:56,690 --> 00:30:54,480

was known as the father of stealth he

720

00:30:59,810 --> 00:30:56,700

was responsible for leading the

721

00:31:02,750 --> 00:30:59,820

development of the F-117 and you know

722

00:31:04,669 --> 00:31:02,760

you've seen a lot of top secret and

723

00:31:07,850 --> 00:31:04,679

advanced development programs and

724

00:31:10,430 --> 00:31:07,860

aircraft and Skunk Works released

725

00:31:12,529 --> 00:31:10,440

details uh recently about the craft

726

00:31:15,409 --> 00:31:12,539

scene I don't know if you've seen the

727

00:31:17,990 --> 00:31:15,419

recent Top Gun movie and they released

728

00:31:20,350 --> 00:31:18,000

some uh twice oh that's such a great

729

00:31:23,690 --> 00:31:20,360

movie me too I've seen it twice as well

730

00:31:26,630 --> 00:31:23,700

and uh they released some details about

731

00:31:28,970 --> 00:31:26,640

Maverick's Dark Star Hypersonic aircraft

732

00:31:30,889 --> 00:31:28,980

because a lot of people said come on did

733

00:31:32,870 --> 00:31:30,899

you really just make this for the movie

734

00:31:34,490 --> 00:31:32,880

there was a little bit of conspiracy

735

00:31:36,350 --> 00:31:34,500

around that that they would really just

736

00:31:39,649 --> 00:31:36,360

make such an amazing craft for the movie

737

00:31:43,250 --> 00:31:39,659

and there was an enigmatic him in their

738

00:31:46,430 --> 00:31:43,260

words their official statements said

739

00:31:49,070 --> 00:31:46,440

quote dark star's capabilities could be

740

00:31:52,549 --> 00:31:49,080

more than mere fiction they could be

741

00:31:54,250 --> 00:31:52,559

reality and that kind of brings me to my

742

00:31:56,630 --> 00:31:54,260

next question

743

00:31:59,029 --> 00:31:56,640

According to some Insider information

744

00:32:01,909 --> 00:31:59,039

I've gathered and this is not Dark Star

745

00:32:04,130 --> 00:32:01,919

related but I've been told that the

746

00:32:07,549 --> 00:32:04,140

artificial intelligence present on the

747

00:32:09,909 --> 00:32:07,559

F-35 lightning II which is they have

748

00:32:12,470 --> 00:32:09,919

them at Hill Air Force Base here in Utah

749

00:32:14,630 --> 00:32:12,480

and it's possibly the most advanced

750

00:32:17,090 --> 00:32:14,640

fifth generation aircraft that's known

751
00:32:18,830 --> 00:32:17,100
known about anyway like you said summer

752
00:32:22,310 --> 00:32:18,840
some are so dark they're not known about

753
00:32:24,590 --> 00:32:22,320
but the rumor is that the AI Tech on

754
00:32:27,470 --> 00:32:24,600
this aircraft can distinguish not only

755
00:32:30,769 --> 00:32:27,480
the presence of unidentified aerial

756
00:32:33,250 --> 00:32:30,779
phenomena or uaps but can classify them

757
00:32:36,230 --> 00:32:33,260
as friendly dangerous or non-threatening

758
00:32:38,570 --> 00:32:36,240
amazing Tech so my question isn't to

759
00:32:40,789 --> 00:32:38,580
verify this or not but with the

760
00:32:44,269 --> 00:32:40,799
possibility of that type of Technology

761
00:32:45,950 --> 00:32:44,279
existing in our time frame surprise you

762
00:32:48,470 --> 00:32:45,960
no

763
00:32:53,649 --> 00:32:48,480

wow

764

00:32:57,950 --> 00:32:53,659

uh you know in 1982 or 83

765

00:32:59,330 --> 00:32:57,960

I was invited by the Honeywell avionics

766

00:33:01,789 --> 00:32:59,340

group it's called they call it Ridgeway

767

00:33:03,230 --> 00:33:01,799

it's in the Ridgeway area of uh

768

00:33:06,049 --> 00:33:03,240

Minneapolis

769

00:33:09,950 --> 00:33:06,059

and they they did all the electronics

770

00:33:11,930 --> 00:33:09,960

for the Blackbirds the a12 West 12 SR-71

771

00:33:13,970 --> 00:33:11,940

and D21

772

00:33:16,009 --> 00:33:13,980

and they've been a long time Skunk Works

773

00:33:18,889 --> 00:33:16,019

provider of electronics

774

00:33:21,470 --> 00:33:18,899

and the head of the uh the head of uh

775

00:33:24,769 --> 00:33:21,480

the engineering department at uh

776

00:33:26,509 --> 00:33:24,779

Honeywell invited me because you know

777

00:33:28,310 --> 00:33:26,519

what my passions were

778

00:33:30,110 --> 00:33:28,320

so I'm I'm sort of sitting in the back

779

00:33:32,690 --> 00:33:30,120

and it was a banquet and it was fun and

780

00:33:33,830 --> 00:33:32,700

then the keynote speaker was Kelly

781

00:33:36,590 --> 00:33:33,840

Johnson

782

00:33:38,330 --> 00:33:36,600

and Kelly's up Kelly's up there and he

783

00:33:43,789 --> 00:33:38,340

said you know you know all of you know

784

00:33:45,350 --> 00:33:43,799

about uh the a12 the yf-12 and the SR-71

785

00:33:47,269 --> 00:33:45,360

and you some of you are probably

786

00:33:50,870 --> 00:33:47,279

familiar with the little

787

00:33:53,330 --> 00:33:50,880

bird which I can't talk about but

788

00:33:54,830 --> 00:33:53,340

there's a toy company in San Diego he

789

00:33:56,710 --> 00:33:54,840

was referring to John Andrews from

790

00:33:59,210 --> 00:33:56,720

testers

791

00:34:03,590 --> 00:33:59,220

who's talking about coming up with a

792

00:34:04,789 --> 00:34:03,600

model of uh their little Blackbird and

793

00:34:06,409 --> 00:34:04,799

then there's some other there's some

794

00:34:09,349 --> 00:34:06,419

other character lives up here in the

795

00:34:10,909 --> 00:34:09,359

Midwest who's written about it and I

796

00:34:13,730 --> 00:34:10,919

can't even talk about he was referring

797

00:34:15,589 --> 00:34:13,740

to me no way

798

00:34:17,990 --> 00:34:15,599

yeah no he was referring to me so he

799

00:34:19,490 --> 00:34:18,000

gets he gets into his uh his

800

00:34:21,950 --> 00:34:19,500

presentation

801
00:34:24,710 --> 00:34:21,960
and he said

802
00:34:26,810 --> 00:34:24,720
speed costs money

803
00:34:29,450 --> 00:34:26,820
how fast do you want to go I said today

804
00:34:31,070 --> 00:34:29,460
we had the Blackbird flying at Mach 3.2

805
00:34:32,750 --> 00:34:31,080
and that's about you know you can go to

806
00:34:35,450 --> 00:34:32,760
mach 3.3

807
00:34:37,909 --> 00:34:35,460
but anything above that uh you could you

808
00:34:41,810 --> 00:34:37,919
run in you can run into some on starts

809
00:34:43,730 --> 00:34:41,820
and some other uh unsafe positions

810
00:34:47,750 --> 00:34:43,740
he said but we have the Billy today

811
00:34:51,829 --> 00:34:47,760
again this is 40 years ago

812
00:34:56,570 --> 00:34:51,839
not last month 40 years ago we have the

813
00:35:00,290 --> 00:34:56,580

ability to build and fly a manned air

814

00:35:05,270 --> 00:35:00,300

breathing platform to go Mach 4 Mach 6

815

00:35:09,109 --> 00:35:05,280

Mach 8 Mach 12 Mach 16 speed costs money

816

00:35:12,349 --> 00:35:09,119

how fast do you want to go

817

00:35:14,270 --> 00:35:12,359

so that tells me that you know that that

818

00:35:15,950 --> 00:35:14,280

the Blackbird even though it's the most

819

00:35:17,750 --> 00:35:15,960

incredible airplane to fly that we know

820

00:35:20,270 --> 00:35:17,760

of

821

00:35:22,310 --> 00:35:20,280

um it was just that [h__h] as compared to

822

00:35:25,490 --> 00:35:22,320

what you know technology would allow us

823

00:35:27,829 --> 00:35:25,500

to do in you know in future years

824

00:35:30,650 --> 00:35:27,839

now with the end of the Cold War you

825

00:35:32,150 --> 00:35:30,660

know the Strategic enemy disappeared

826

00:35:34,250 --> 00:35:32,160

sort of

827

00:35:36,890 --> 00:35:34,260

and I have a different he's now retired

828

00:35:40,430 --> 00:35:36,900

from the skunk workspace he had 30 I

829

00:35:42,290 --> 00:35:40,440

think 33 years at the Skunk Works

830

00:35:44,030 --> 00:35:42,300

and he was the number three guy when he

831

00:35:45,230 --> 00:35:44,040

retired they actually asked him if he

832

00:35:48,710 --> 00:35:45,240

wanted to be the vice president general

833

00:35:51,530 --> 00:35:48,720

manager uh when when they instead they

834

00:35:53,030 --> 00:35:51,540

hired Jeff babion and he said look I'm

835

00:35:55,910 --> 00:35:53,040

an engineer I'm not I'm not an

836

00:35:58,069 --> 00:35:55,920

administrator I'm not a politician so he

837

00:36:00,349 --> 00:35:58,079

you know he backed out of it

838

00:36:03,349 --> 00:36:00,359

but he uh but I talk to him all the time

839

00:36:04,910 --> 00:36:03,359

and I and I know he he won't he's the

840

00:36:07,069 --> 00:36:04,920

most security conscious person they've

841

00:36:08,870 --> 00:36:07,079

ever encountered and then when I go to

842

00:36:10,190 --> 00:36:08,880

when I go to LA or whatever I usually

843

00:36:11,569 --> 00:36:10,200

try to track him down and we'll have

844

00:36:13,550 --> 00:36:11,579

dinner

845

00:36:14,990 --> 00:36:13,560

and I asked him I said okay I know you

846

00:36:17,690 --> 00:36:15,000

can't tell me

847

00:36:19,550 --> 00:36:17,700

the real spooky stuff

848

00:36:22,730 --> 00:36:19,560

but is there and you know what my

849

00:36:24,650 --> 00:36:22,740

passions are is there anything that

850

00:36:26,270 --> 00:36:24,660

you're aware of that would get me

851
00:36:29,270 --> 00:36:26,280
excited

852
00:36:32,510 --> 00:36:29,280
because it's like six years ago this is

853
00:36:34,790 --> 00:36:32,520
before the problems with uh China and

854
00:36:37,069 --> 00:36:34,800
the problems and you know the bigger

855
00:36:37,910 --> 00:36:37,079
problems with Russia and and the Middle

856
00:36:40,250 --> 00:36:37,920
East

857
00:36:42,410 --> 00:36:40,260
he said Jim says he said my I have

858
00:36:46,430 --> 00:36:42,420
passions about the same things you do

859
00:36:48,770 --> 00:36:46,440
and uh we have nothing in the pipeline

860
00:36:51,230 --> 00:36:48,780
that would get you or me excited when it

861
00:36:53,930 --> 00:36:51,240
comes to that level of excitement that

862
00:36:56,870 --> 00:36:53,940
would be the F-117 or U2 for the first

863
00:37:00,670 --> 00:36:56,880

time or the Blackwood for example

864

00:37:04,190 --> 00:37:00,680

so I was uh I was kind of disappointed

865

00:37:06,290 --> 00:37:04,200

but the world has changed now when they

866

00:37:09,470 --> 00:37:06,300

when they you have to contract to build

867

00:37:10,790 --> 00:37:09,480

a blackbird from signing a contract to

868

00:37:13,910 --> 00:37:10,800

first flight

869

00:37:16,970 --> 00:37:13,920

was 32 months

870

00:37:20,630 --> 00:37:16,980

this is 15 years after Jaeger had gone

871

00:37:24,290 --> 00:37:20,640

Mach 1 in a rocket-powered airplane

872

00:37:27,470 --> 00:37:24,300

the Skunk Works is tasked to build a

873

00:37:30,530 --> 00:37:27,480

the first all titanium airframed and

874

00:37:34,250 --> 00:37:30,540

plastic aircraft

875

00:37:36,109 --> 00:37:34,260

that will fly sustained Mach 3 because

876

00:37:40,370 --> 00:37:36,119

they read the original requirements

877

00:37:42,470 --> 00:37:40,380

where mach3 democ for 80 to 120 000 feet

878

00:37:46,609 --> 00:37:42,480

so anywhere within there if you met

879

00:37:49,910 --> 00:37:47,210

um

880

00:37:52,010 --> 00:37:49,920

you know and all that you know the world

881

00:37:53,930 --> 00:37:52,020

has changed so now

882

00:37:55,310 --> 00:37:53,940

the last four or five years things have

883

00:37:56,569 --> 00:37:55,320

gotten pretty hot especially the last

884

00:37:59,390 --> 00:37:56,579

two years

885

00:38:02,210 --> 00:37:59,400

it would not surprise me that they've

886

00:38:03,890 --> 00:38:02,220

they've had something uh in the in the

887

00:38:06,710 --> 00:38:03,900

works

888

00:38:09,829 --> 00:38:06,720

there's a there's about 6 000 people at

889

00:38:14,270 --> 00:38:09,839

the Lockheed Skunk Works production and

890

00:38:16,970 --> 00:38:14,280

and refit and overall facility at Air

891

00:38:18,829 --> 00:38:16,980

Force plant 42 in Palmdale

892

00:38:21,349 --> 00:38:18,839

so they're they're doing more than

893

00:38:23,990 --> 00:38:21,359

building replacement panels for f-22s

894

00:38:26,270 --> 00:38:24,000

and f-35s

895

00:38:28,190 --> 00:38:26,280

and most you know most of the places is

896

00:38:29,030 --> 00:38:28,200

off limits and there's stuff going in at

897

00:38:31,010 --> 00:38:29,040

night

898

00:38:32,630 --> 00:38:31,020

uh they'll turn on the runway lights off

899

00:38:34,130 --> 00:38:32,640

and they'll land a C5 somewhere and

900

00:38:35,630 --> 00:38:34,140

everything's in the cover of darkness

901
00:38:36,829 --> 00:38:35,640
and they load something and slide out

902
00:38:38,450 --> 00:38:36,839
and bring it you know bring it to area

903
00:38:41,329 --> 00:38:38,460
51.

904
00:38:42,890 --> 00:38:41,339
for flight test

905
00:38:46,370 --> 00:38:42,900
but I

906
00:38:48,829 --> 00:38:46,380
I doubt seriously a son of Blackbird has

907
00:38:52,310 --> 00:38:50,089
but

908
00:38:54,710 --> 00:38:52,320
I asked and I asked Ben Richard years

909
00:38:57,530 --> 00:38:54,720
ago I said how come Russian or at the

910
00:39:00,050 --> 00:38:57,540
time Soviet aircraft like the you know

911
00:39:03,430 --> 00:39:00,060
the you know the uh

912
00:39:08,270 --> 00:39:03,440
the mid-20s I said

913
00:39:11,690 --> 00:39:08,280

make 29 or the su-27 why why do they

914

00:39:13,430 --> 00:39:11,700

look like an F-15 or an F-16

915

00:39:16,250 --> 00:39:13,440

he said

916

00:39:19,069 --> 00:39:16,260

the laws of aerodynamics and Mathematics

917

00:39:20,810 --> 00:39:19,079

don't care what language you speak if

918

00:39:24,230 --> 00:39:20,820

you're if you're building or designing

919

00:39:27,050 --> 00:39:24,240

an airplane to meet a a specific

920

00:39:29,810 --> 00:39:27,060

design requirements whether you're

921

00:39:32,510 --> 00:39:29,820

building it with you know Russian

922

00:39:35,210 --> 00:39:32,520

language uh instructions or Chinese

923

00:39:36,470 --> 00:39:35,220

language instructions or whatever or

924

00:39:39,950 --> 00:39:36,480

American

925

00:39:42,950 --> 00:39:39,960

the design is going to be fairly similar

926
00:39:44,750 --> 00:39:42,960
because of if you're both built you know

927
00:39:47,030 --> 00:39:44,760
if you're all building aircraft to meet

928
00:39:48,829 --> 00:39:47,040
the same threat

929
00:39:54,069 --> 00:39:48,839
then there'll probably be a lot of

930
00:40:02,030 --> 00:39:56,690
and the su-27

931
00:40:07,750 --> 00:40:04,790
I'm so glad that you mentioned that area

932
00:40:10,550 --> 00:40:07,760
in Palmdale because I mean it is

933
00:40:13,430 --> 00:40:10,560
amazing 215

934
00:40:17,450 --> 00:40:13,440
000 square feet in the California desert

935
00:40:20,270 --> 00:40:17,460
I think it's on almost 600 acres and

936
00:40:21,710 --> 00:40:20,280
it's it's kind of like uh if you're into

937
00:40:24,770 --> 00:40:21,720
this sort of thing it's sort of like

938
00:40:27,230 --> 00:40:24,780

Willy Wonka's chocolate factory with oh

939

00:40:29,750 --> 00:40:27,240

it is what they're doing in there

940

00:40:32,930 --> 00:40:29,760

there there's there's a group of uh

941

00:40:34,370 --> 00:40:32,940

Aviation enthusiasts mostly guys

942

00:40:36,890 --> 00:40:34,380

even though there are a few women who

943

00:40:37,790 --> 00:40:36,900

who are into it but it's mostly a guide

944

00:40:41,210 --> 00:40:37,800

thing

945

00:40:42,589 --> 00:40:41,220

uh there's a place right on Sierra

946

00:40:45,589 --> 00:40:42,599

Highway I think they call it Charlie's

947

00:40:47,030 --> 00:40:45,599

Corner it was an old retired Marine I

948

00:40:48,410 --> 00:40:47,040

don't know if he was a Gunnery Sergeant

949

00:40:50,329 --> 00:40:48,420

or whatever but he was out there with

950

00:40:52,970 --> 00:40:50,339

his Step Van

951
00:40:55,970 --> 00:40:52,980
and he would uh you know he would sell

952
00:40:58,910 --> 00:40:55,980
pop and whatever but he was but it was a

953
00:41:01,970 --> 00:40:58,920
gathering place for people who want to

954
00:41:03,470 --> 00:41:01,980
see incredible airplanes taking off so

955
00:41:05,810 --> 00:41:03,480
during the day you can have a YouTube

956
00:41:09,230 --> 00:41:05,820
back in the day you could have an SR-71

957
00:41:12,770 --> 00:41:09,240
or an F-117 fly in and out of uh Air

958
00:41:16,370 --> 00:41:12,780
Force plan 42. uh and you know you have

959
00:41:18,349 --> 00:41:16,380
uh Sophia that was the 747 SP that was

960
00:41:19,730 --> 00:41:18,359
just retired

961
00:41:22,849 --> 00:41:19,740
and

962
00:41:25,250 --> 00:41:22,859
it's just a uh

963
00:41:27,109 --> 00:41:25,260

it's an incredible place and they're

964

00:41:29,270 --> 00:41:27,119

doing they're doing incredible things

965

00:41:31,730 --> 00:41:29,280

and everybody all the major

966

00:41:33,050 --> 00:41:31,740

manufacturers and now there's only uh we

967

00:41:35,630 --> 00:41:33,060

only have three

968

00:41:38,870 --> 00:41:35,640

we have Northrop Grumman we have

969

00:41:41,810 --> 00:41:38,880

Lockheed Martin and we have Boeing

970

00:41:43,849 --> 00:41:41,820

and uh

971

00:41:46,130 --> 00:41:43,859

and it does say racing on you know

972

00:41:48,050 --> 00:41:46,140

they're they're in there as well so

973

00:41:50,510 --> 00:41:48,060

it used to be that every single

974

00:41:53,810 --> 00:41:50,520

manufacturer had a site there's 10 sites

975

00:41:56,810 --> 00:41:53,820

at Palmdale site 10 is where the uh

976
00:41:58,730 --> 00:41:56,820
Lockheed Skunk Works is now uh now

977
00:42:01,069 --> 00:41:58,740
called home

978
00:42:03,530 --> 00:42:01,079
and I've been I've been at Skunk Works

979
00:42:07,550 --> 00:42:03,540
and giving

980
00:42:10,130 --> 00:42:07,560
giving a non-classified tour of places

981
00:42:11,569 --> 00:42:10,140
where they can show me

982
00:42:15,349 --> 00:42:11,579
six times

983
00:42:18,470 --> 00:42:15,359
and what tickles me I I I I had such a

984
00:42:19,730 --> 00:42:18,480
good rapport with with everybody at the

985
00:42:23,810 --> 00:42:19,740
Skunk Works

986
00:42:26,450 --> 00:42:23,820
is my badge in my visitor dad said no

987
00:42:28,250 --> 00:42:26,460
escort required of course you you can't

988
00:42:30,349 --> 00:42:28,260

get into the spooky areas unless you

989

00:42:33,109 --> 00:42:30,359

have a key card and no you know know the

990

00:42:35,990 --> 00:42:33,119

pin number on the cipher lock

991

00:42:38,270 --> 00:42:36,000

but it's um

992

00:42:40,069 --> 00:42:38,280

I just had a ball it's just been a lot

993

00:42:42,470 --> 00:42:40,079

of fun and there's there's stuff out

994

00:42:44,690 --> 00:42:42,480

there now I've been to the fence line at

995

00:42:47,030 --> 00:42:44,700

both Area 51 this is the northern fence

996

00:42:48,470 --> 00:42:47,040

line and or on top of Whitesides or

997

00:42:51,050 --> 00:42:48,480

Freedom Ridge which are not have been

998

00:42:54,050 --> 00:42:51,060

taken away back in the late 90s or the

999

00:42:56,630 --> 00:42:54,060

fence line had tonopod test range

1000

00:42:59,930 --> 00:42:56,640

nobody 80 different times over the last

1001
00:43:02,510 --> 00:42:59,940
40 years 35 years

1002
00:43:05,030 --> 00:43:02,520
I got to the point where

1003
00:43:06,470 --> 00:43:05,040
you know the security people knew me I

1004
00:43:08,750 --> 00:43:06,480
can remember I was on the fence line

1005
00:43:10,910 --> 00:43:08,760
with John Lear the late John layer we

1006
00:43:12,650 --> 00:43:10,920
were friends for about 45 years before

1007
00:43:15,650 --> 00:43:12,660
he passed

1008
00:43:18,349 --> 00:43:15,660
and it's 11 o'clock at night it's it's

1009
00:43:21,950 --> 00:43:18,359
the middle of June 1997. you know the

1010
00:43:24,410 --> 00:43:21,960
f-117s had had never returned back to

1011
00:43:26,690 --> 00:43:24,420
tonopod test ratings for a permanent bed

1012
00:43:29,569 --> 00:43:26,700
down because they all moved to Holloman

1013
00:43:33,349 --> 00:43:29,579

outside of Alamogordo so we're we're

1014

00:43:36,109 --> 00:43:33,359

about two miles west of the main gate to

1015

00:43:38,930 --> 00:43:36,119

the Tonopah testing facility

1016

00:43:42,410 --> 00:43:38,940

and up there's the man camp but from the

1017

00:43:45,010 --> 00:43:42,420

fence line looking down to the base it's

1018

00:43:48,230 --> 00:43:45,020

eight miles and you can see the entire

1019

00:43:51,050 --> 00:43:48,240

facility from the fence line

1020

00:43:52,609 --> 00:43:51,060

so we're sitting there and uh you go

1021

00:43:55,250 --> 00:43:52,619

there with your lawn chairs and you tape

1022

00:43:57,050 --> 00:43:55,260

up your long pants with uh duct tape so

1023

00:43:59,569 --> 00:43:57,060

scorpions don't growl up your leg and

1024

00:44:01,130 --> 00:43:59,579

stuff because there's Critters out there

1025

00:44:03,170 --> 00:44:01,140

and we're sitting there with our feet up

1026

00:44:04,370 --> 00:44:03,180

in the up in the Bob wire I'm not

1027

00:44:05,870 --> 00:44:04,380

allowing chairs just waiting for

1028

00:44:08,750 --> 00:44:05,880

something to happen then we both have

1029

00:44:11,569 --> 00:44:08,760

night vision goggles on

1030

00:44:13,609 --> 00:44:11,579

and we notice there's three armored

1031

00:44:14,870 --> 00:44:13,619

person there personnel carriers on the

1032

00:44:16,670 --> 00:44:14,880

south side of the fence which is

1033

00:44:18,410 --> 00:44:16,680

restricted area

1034

00:44:20,809 --> 00:44:18,420

but the lights off heading towards us

1035

00:44:22,010 --> 00:44:20,819

one from the south one to the east one

1036

00:44:24,109 --> 00:44:22,020

from the West

1037

00:44:26,510 --> 00:44:24,119

so I stand up and yell real loud hey

1038

00:44:28,069 --> 00:44:26,520

we're good guys we're in taxpayers and

1039

00:44:29,809 --> 00:44:28,079

all of a sudden we had sled lights on

1040

00:44:33,050 --> 00:44:29,819

there's little red dots on John's test

1041

00:44:35,210 --> 00:44:33,060

little red dots bouncing on my chest

1042

00:44:38,050 --> 00:44:35,220

and about the same time there's a

1043

00:44:41,089 --> 00:44:38,060

vehicle coming down the uh

1044

00:44:42,349 --> 00:44:41,099

public lands is it's called BLM it

1045

00:44:44,450 --> 00:44:42,359

doesn't stand for what the world thinks

1046

00:44:47,809 --> 00:44:44,460

BLM stands for today the Bureau of Land

1047

00:44:50,690 --> 00:44:47,819

Management second land public land

1048

00:44:53,329 --> 00:44:50,700

so this pickup truck stops behind guns

1049

00:44:55,730 --> 00:44:53,339

uh John layer's pickup truck and

1050

00:44:59,210 --> 00:44:55,740

it comes around using desert utilities

1051
00:45:00,650 --> 00:44:59,220
he has his hand on his Beretta he said

1052
00:45:02,150 --> 00:45:00,660
you're in a restricted area and I'm

1053
00:45:04,490 --> 00:45:02,160
ordering you to leave

1054
00:45:07,609 --> 00:45:04,500
and I said sir I don't know who you are

1055
00:45:09,710 --> 00:45:07,619
but this is public lands and I don't I

1056
00:45:12,770 --> 00:45:09,720
don't need your permission to be here

1057
00:45:14,510 --> 00:45:12,780
yes you do I just uh he says I'm working

1058
00:45:16,130 --> 00:45:14,520
to leave right now and I pulled out the

1059
00:45:17,930 --> 00:45:16,140
aeronautical map that gives the

1060
00:45:18,829 --> 00:45:17,940
longitude and latitude of the restricted

1061
00:45:20,569 --> 00:45:18,839
area

1062
00:45:22,670 --> 00:45:20,579
and I said

1063
00:45:24,950 --> 00:45:22,680

according to this official government

1064

00:45:27,109 --> 00:45:24,960

issued map

1065

00:45:28,970 --> 00:45:27,119

said that we're on public lands and if

1066

00:45:30,710 --> 00:45:28,980

you look at the fence post over where my

1067

00:45:33,050 --> 00:45:30,720

buddy is sitting you'll see it you'll

1068

00:45:35,089 --> 00:45:33,060

find a USGS medallion

1069

00:45:37,910 --> 00:45:35,099

it gives a longitudinal attitude a

1070

00:45:40,550 --> 00:45:37,920

second I'm on public lands and I can be

1071

00:45:42,950 --> 00:45:40,560

here for 15 consecutive days without

1072

00:45:45,170 --> 00:45:42,960

asking anybody's permission

1073

00:45:47,450 --> 00:45:45,180

I want to see some ID I said sir and

1074

00:45:49,910 --> 00:45:47,460

that was rude I mean I was I didn't I

1075

00:45:53,690 --> 00:45:49,920

didn't use profanity towards him and I I

1076

00:45:55,730 --> 00:45:53,700

but I I used a lot of sarcasm I know

1077

00:45:58,790 --> 00:45:55,740

it's really upsetting them I want to see

1078

00:46:01,490 --> 00:45:58,800

some idea man I said well who are you

1079

00:46:04,490 --> 00:46:01,500

I'm captain so-and-so with ASI which

1080

00:46:07,190 --> 00:46:04,500

stitching uh Advanced security Inc I

1081

00:46:09,470 --> 00:46:07,200

said sir your rent a comp you don't have

1082

00:46:12,710 --> 00:46:09,480

jurisdiction on this side of the fence

1083

00:46:14,089 --> 00:46:12,720

and boy he's getting he is getting just

1084

00:46:15,349 --> 00:46:14,099

pissed

1085

00:46:17,450 --> 00:46:15,359

and

1086

00:46:18,829 --> 00:46:17,460

so I want to see some ideas I don't know

1087

00:46:21,349 --> 00:46:18,839

if there's any squad I said well I've

1088

00:46:24,530 --> 00:46:21,359

been I've been jeopardized uh by Lincoln

1089

00:46:26,329 --> 00:46:24,540

asmeralda and Nye County to uphold the

1090

00:46:28,010 --> 00:46:26,339

laws of the state of Nevada and the

1091

00:46:29,750 --> 00:46:28,020

federal government I said well good for

1092

00:46:35,390 --> 00:46:29,760

you

1093

00:46:36,829 --> 00:46:35,400

so he hands me his ASI badge and I give

1094

00:46:39,470 --> 00:46:36,839

it back and I said sir that's not a

1095

00:46:40,910 --> 00:46:39,480

former that's not a valid form of ID I

1096

00:46:42,650 --> 00:46:40,920

need something issued by the state or

1097

00:46:44,990 --> 00:46:42,660

federal government

1098

00:46:46,849 --> 00:46:45,000

and he's getting more pissed

1099

00:46:48,109 --> 00:46:46,859

so he hands me as a Nevada driver's

1100

00:46:49,609 --> 00:46:48,119

license and

1101
00:46:51,589 --> 00:46:49,619
you know I don't have my reading glasses

1102
00:46:54,109 --> 00:46:51,599
on so and it's dark

1103
00:46:56,870 --> 00:46:54,119
so I gave him my Minnesota license layer

1104
00:46:58,670 --> 00:46:56,880
handsome his Nevada license

1105
00:47:00,890 --> 00:46:58,680
a guy comes over from the south side of

1106
00:47:03,410 --> 00:47:00,900
the fence from one of the uh armored

1107
00:47:05,750 --> 00:47:03,420
personnel carriers and the guy the noise

1108
00:47:07,490 --> 00:47:05,760
the north side of the fence hands it to

1109
00:47:08,750 --> 00:47:07,500
the guys it goes back to probably the

1110
00:47:10,670 --> 00:47:08,760
supervisor

1111
00:47:15,530 --> 00:47:10,680
and I don't know if you use profanity on

1112
00:47:20,690 --> 00:47:18,770
it turns the turns the interior light on

1113
00:47:22,609 --> 00:47:20,700

their personnel carrier he said he said

1114

00:47:23,750 --> 00:47:22,619

[h__h] it's good all in a weird the lights

1115

00:47:27,050 --> 00:47:23,760

went off the little red lights

1116

00:47:29,510 --> 00:47:27,060

disappeared but we but we knew they

1117

00:47:32,450 --> 00:47:29,520

weren't going to uh

1118

00:47:39,950 --> 00:47:35,270

so I I I'm fairly well known out there

1119

00:47:41,990 --> 00:47:39,960

uh I think I've even had uh uh

1120

00:47:43,730 --> 00:47:42,000

you know people I know you know who have

1121

00:47:45,190 --> 00:47:43,740

been at Area 51 who said you know when

1122

00:47:47,390 --> 00:47:45,200

they when they took away

1123

00:47:48,710 --> 00:47:47,400

Whitesides and freedom Ridge from your

1124

00:47:51,650 --> 00:47:48,720

access

1125

00:47:53,390 --> 00:47:51,660

is that all the security guys said it

1126

00:47:54,829 --> 00:47:53,400

used to be fun it used to be a cat and

1127

00:47:56,329 --> 00:47:54,839

mouse snake to see what these guys are

1128

00:47:57,829 --> 00:47:56,339

doing you know trying to sneak up and

1129

00:48:00,349 --> 00:47:57,839

see which flying that area for us to win

1130

00:48:01,790 --> 00:48:00,359

now it's just boring I'm just driving

1131

00:48:03,890 --> 00:48:01,800

around the desert doesn't there's

1132

00:48:06,050 --> 00:48:03,900

nothing intriguing to do

1133

00:48:08,510 --> 00:48:06,060

so

1134

00:48:10,550 --> 00:48:08,520

and it's it's and it's the world we live

1135

00:48:13,250 --> 00:48:10,560

in today but anybody anybody who goes

1136

00:48:16,970 --> 00:48:13,260

out and I I gave a presentation to the

1137

00:48:19,190 --> 00:48:16,980

uh Phoenix move on here uh last was it

1138

00:48:20,809 --> 00:48:19,200

last spring but almost a year

1139

00:48:23,089 --> 00:48:20,819

and

1140

00:48:25,609 --> 00:48:23,099

you know basically what I you know the

1141

00:48:27,890 --> 00:48:25,619

title of his title of it is everything

1142

00:48:29,450 --> 00:48:27,900

you want to know about Area 51 but

1143

00:48:31,010 --> 00:48:29,460

didn't know who to ask and didn't want

1144

00:48:32,930 --> 00:48:31,020

to get shot

1145

00:48:38,690 --> 00:48:32,940

and one of the one of the primary things

1146

00:48:48,950 --> 00:48:41,150

my mind just went blank

1147

00:48:55,190 --> 00:48:52,970

yeah but uh well I'll take this

1148

00:48:58,370 --> 00:48:55,200

opportunity to ask something kind of

1149

00:49:01,450 --> 00:48:58,380

about this recent footage that seems to

1150

00:49:04,970 --> 00:49:01,460

be coming out of at least

1151
00:49:06,530 --> 00:49:04,980
apparently from military organizations

1152
00:49:08,690 --> 00:49:06,540
because you've brought up something

1153
00:49:12,170 --> 00:49:08,700
interesting that a lot of times

1154
00:49:14,270 --> 00:49:12,180
although these subcontractors Etc are

1155
00:49:16,130 --> 00:49:14,280
being hired by the military there's

1156
00:49:19,190 --> 00:49:16,140
something problematic that can take

1157
00:49:21,530 --> 00:49:19,200
place and provocatively lately

1158
00:49:25,190 --> 00:49:21,540
um the recent media attention being paid

1159
00:49:27,890 --> 00:49:25,200
to uaps supposedly coming from the U.S

1160
00:49:30,050 --> 00:49:27,900
Navy whether the gimbal the go fast the

1161
00:49:33,470 --> 00:49:30,060
FLIR one the Tic Tac and I think more

1162
00:49:36,829 --> 00:49:33,480
recently the pyramid footage is is it

1163
00:49:39,770 --> 00:49:36,839

possible or is there a possibility that

1164

00:49:42,349 --> 00:49:39,780

there are some technologies some even in

1165

00:49:44,690 --> 00:49:42,359

positions of Power are unaware of such

1166

00:49:47,690 --> 00:49:44,700

as those recent cases

1167

00:49:50,329 --> 00:49:47,700

oh absolutely absolutely I mean take for

1168

00:49:52,849 --> 00:49:50,339

example my favorite airplane in the

1169

00:49:57,109 --> 00:49:52,859

world the a12 Blackbird

1170

00:49:59,930 --> 00:49:57,119

that airplane was retired

1171

00:50:03,109 --> 00:49:59,940

for almost 20 years before they ever

1172

00:50:06,170 --> 00:50:03,119

acknowledged the existence of it

1173

00:50:09,790 --> 00:50:06,180

jeez it was it wasn't until I mean they

1174

00:50:13,329 --> 00:50:09,800

retired it in in the 19 uh

1175

00:50:15,950 --> 00:50:13,339

my mind is going back

1176
00:50:18,190 --> 00:50:15,960
1968 is when they and when they retired

1177
00:50:23,210 --> 00:50:18,200
you know the last a12

1178
00:50:25,250 --> 00:50:23,220
and uh it wasn't until 1988 that they

1179
00:50:26,589 --> 00:50:25,260
even hinted that there was a secret pest

1180
00:50:31,190 --> 00:50:26,599
facility

1181
00:50:32,630 --> 00:50:31,200
uh about 200 miles north of uh of Nellis

1182
00:50:36,230 --> 00:50:32,640
Air Force Base

1183
00:50:38,990 --> 00:50:36,240
and that'd be area 51. so

1184
00:50:39,000 --> 00:50:42,470
and said yes

1185
00:50:45,950 --> 00:50:44,450
they're doing they're doing some stuff

1186
00:50:48,890 --> 00:50:45,960
there I mean the the security around

1187
00:50:52,370 --> 00:50:48,900
Area 51 has gotten more intense since 9

1188
00:50:53,270 --> 00:50:52,380

11 and it's gotten more intense

1189

00:50:56,870 --> 00:50:53,280

um

1190

00:50:58,609 --> 00:50:56,880

yeah within the last uh five to six you

1191

00:51:01,790 --> 00:50:58,619

know five to six years

1192

00:51:04,549 --> 00:51:01,800

that they've now put signage on all the

1193

00:51:07,250 --> 00:51:04,559

all the the dirt roads going uh up to

1194

00:51:09,349 --> 00:51:07,260

where you where the perimeter would be

1195

00:51:11,270 --> 00:51:09,359

of area 51.

1196

00:51:12,770 --> 00:51:11,280

and they don't have the authority to

1197

00:51:15,829 --> 00:51:12,780

take that land

1198

00:51:18,410 --> 00:51:15,839

and I'm I'm very I'm very tempted to

1199

00:51:20,569 --> 00:51:18,420

push the issue

1200

00:51:23,569 --> 00:51:20,579

because

1201
00:51:25,490 --> 00:51:23,579
there's there's a mile or two miles from

1202
00:51:29,210 --> 00:51:25,500
the fence line This is on the east side

1203
00:51:30,770 --> 00:51:29,220
or from the perimeter uh they have signs

1204
00:51:32,569 --> 00:51:30,780
out there if you pass this if you pass

1205
00:51:34,069 --> 00:51:32,579
this point you'll be arrested in your

1206
00:51:35,930 --> 00:51:34,079
car you know

1207
00:51:39,950 --> 00:51:35,940
yeah

1208
00:51:41,569 --> 00:51:39,960
that's you know taken and uh it will it

1209
00:51:42,290 --> 00:51:41,579
will cause an awful lot of misery for

1210
00:51:45,710 --> 00:51:42,300
you

1211
00:51:47,450 --> 00:51:45,720
that just that sign here it takes the

1212
00:51:51,589 --> 00:51:47,460
hell out of me where do they get off

1213
00:51:53,809 --> 00:51:51,599

taking uh taking property that was

1214

00:51:55,069 --> 00:51:53,819

public land and claiming it for

1215

00:51:58,309 --> 00:51:55,079

themselves

1216

00:51:59,569 --> 00:51:58,319

I mean claiming it for Area 51 that can

1217

00:52:00,950 --> 00:51:59,579

only be done with the legislative

1218

00:52:03,290 --> 00:52:00,960

process you know there's something

1219

00:52:04,430 --> 00:52:03,300

signed by the president that hasn't been

1220

00:52:07,390 --> 00:52:04,440

done

1221

00:52:11,270 --> 00:52:07,400

so we have we have things out there now

1222

00:52:13,490 --> 00:52:11,280

uh we're in a little bit sort of time

1223

00:52:16,930 --> 00:52:13,500

imagine my friend my friendship with Ben

1224

00:52:18,890 --> 00:52:16,940

Rich we talked quarterly for 25 years

1225

00:52:22,730 --> 00:52:18,900

certainly after his retirement I think

1226

00:52:26,390 --> 00:52:22,740

his name is 1993 or 94 time frame he was

1227

00:52:27,950 --> 00:52:26,400

the keynote speaker at the aeronautical

1228

00:52:30,589 --> 00:52:27,960

uh

1229

00:52:32,089 --> 00:52:30,599

school at UCLA it was a graduate student

1230

00:52:37,069 --> 00:52:32,099

uh

1231

00:52:40,970 --> 00:52:37,079

whatever and Ben was the keynote speaker

1232

00:52:42,829 --> 00:52:40,980

and in part of his prepared

1233

00:52:44,870 --> 00:52:42,839

text

1234

00:52:46,130 --> 00:52:44,880

near the end I was talking about what

1235

00:52:47,390 --> 00:52:46,140

the skunk was does and what they're

1236

00:52:50,569 --> 00:52:47,400

looking for and you know nautical

1237

00:52:58,430 --> 00:52:54,710

we have today we have the ability now

1238

00:53:02,150 --> 00:52:58,440

this 1993 that's 30 years ago

1239

00:53:03,950 --> 00:53:02,160

we have the ability to take EP home now

1240

00:53:06,530 --> 00:53:03,960

think about that statement this is the

1241

00:53:11,270 --> 00:53:06,540

most significant person in the Aerospace

1242

00:53:17,870 --> 00:53:14,930

in 1983 we had the ability in 1993 we

1243

00:53:20,150 --> 00:53:17,880

had the ability to take ET home which

1244

00:53:23,150 --> 00:53:20,160

means we have the ability

1245

00:53:27,710 --> 00:53:23,160

to go fast

1246

00:53:31,430 --> 00:53:27,720

fast forward to I think he died in 97.

1247

00:53:33,290 --> 00:53:31,440

I called Ben Rich at the uh at USC

1248

00:53:35,930 --> 00:53:33,300

Medical Center

1249

00:53:38,030 --> 00:53:35,940

he's dying of esophageal cancer that's

1250

00:53:39,710 --> 00:53:38,040

from breathing the chemicals used in

1251
00:53:40,790 --> 00:53:39,720
stealth Coatings

1252
00:53:43,609 --> 00:53:40,800
um

1253
00:53:45,290 --> 00:53:43,619
heavy I know in that in that

1254
00:53:50,569 --> 00:53:45,300
that worked on stealth they all have

1255
00:53:53,750 --> 00:53:52,190
so I'm calling he said you know he's at

1256
00:53:55,190 --> 00:53:53,760
the hospital you're talking about you

1257
00:53:57,230 --> 00:53:55,200
know old friends and whatever and we

1258
00:53:58,250 --> 00:53:57,240
finally got you know near the end of our

1259
00:54:00,170 --> 00:53:58,260
[h__\h]

1260
00:54:02,450 --> 00:54:00,180
and he said Jim

1261
00:54:05,210 --> 00:54:02,460
we have things out in the desert and he

1262
00:54:07,849 --> 00:54:05,220
wasn't referring to area 51.

1263
00:54:11,870 --> 00:54:07,859

we have things out in the desert that's

1264

00:54:13,910 --> 00:54:11,880

50 years beyond what you can comprehend

1265

00:54:16,849 --> 00:54:13,920

now James C Goodall can complement

1266

00:54:18,890 --> 00:54:16,859

comprehend a hell of a lot

1267

00:54:20,930 --> 00:54:18,900

and he said if you see movies like Star

1268

00:54:22,670 --> 00:54:20,940

Trek or Star Wars

1269

00:54:23,990 --> 00:54:22,680

we've been there

1270

00:54:26,990 --> 00:54:24,000

done that

1271

00:54:29,450 --> 00:54:27,000

or decided it wasn't worth the effort

1272

00:54:32,030 --> 00:54:29,460

I've been situated you want to expand

1273

00:54:33,829 --> 00:54:32,040

upon that he said no

1274

00:54:35,870 --> 00:54:33,839

and unfortunately he passed away about

1275

00:54:40,490 --> 00:54:35,880

10 days later

1276

00:54:45,049 --> 00:54:42,710

we have the we have abilities that I

1277

00:54:47,390 --> 00:54:45,059

think the general population even if our

1278

00:54:50,750 --> 00:54:47,400

enemies knew they would say oh goodness

1279

00:54:51,410 --> 00:54:50,760

and we've got to fear these people

1280

00:54:53,750 --> 00:54:51,420

um

1281

00:54:55,250 --> 00:54:53,760

but the technology is not being allowed

1282

00:54:57,950 --> 00:54:55,260

to be released because for whatever

1283

00:54:59,450 --> 00:54:57,960

reason and maybe we're not in control of

1284

00:55:01,430 --> 00:54:59,460

that information

1285

00:55:04,010 --> 00:55:01,440

now for

1286

00:55:05,930 --> 00:55:04,020

for a little over two years I was a

1287

00:55:08,750 --> 00:55:05,940

docent up at Kitt Peak National

1288

00:55:11,270 --> 00:55:08,760

observatories about 50 miles west of

1289

00:55:14,030 --> 00:55:11,280

Tucson Arizona they have 22 optical

1290

00:55:16,010 --> 00:55:14,040

telescopes and two radio telescopes the

1291

00:55:17,270 --> 00:55:16,020

radio telescopes are 12 meter and a 25

1292

00:55:20,270 --> 00:55:17,280

meter

1293

00:55:23,030 --> 00:55:20,280

the telescopes go from 12 inch to 13

1294

00:55:26,390 --> 00:55:23,040

feet as far as the primary mirror

1295

00:55:28,089 --> 00:55:26,400

on the 2.1 meter telescope on kit Peak

1296

00:55:31,910 --> 00:55:28,099

Caltech

1297

00:55:34,630 --> 00:55:31,920

contracted and used it remotely four or

1298

00:55:38,030 --> 00:55:34,640

five years and they were looking for

1299

00:55:40,670 --> 00:55:38,040

exoplanets in our Milky Way

1300

00:55:42,710 --> 00:55:40,680

now they had a UV laser they would shine

1301
00:55:44,630 --> 00:55:42,720
up in the sky and they they would Center

1302
00:55:48,170 --> 00:55:44,640
that look and they would

1303
00:55:50,450 --> 00:55:48,180
at 18 000 feet ahead of a real specific

1304
00:55:52,990 --> 00:55:50,460
diameter

1305
00:55:56,089 --> 00:55:53,000
and there's a

1306
00:55:57,230 --> 00:55:56,099
deformable mirror on the secondary

1307
00:56:01,069 --> 00:55:57,240
mirror

1308
00:56:05,390 --> 00:56:01,079
that that adjusts 1200 times a second

1309
00:56:07,010 --> 00:56:05,400
to remove any any type of uh movement or

1310
00:56:09,109 --> 00:56:07,020
flutter whatever because the air

1311
00:56:11,510 --> 00:56:09,119
turbulences or whatever

1312
00:56:14,569 --> 00:56:11,520
and they say they have pretty much the

1313
00:56:16,309 --> 00:56:14,579

same resolution as the Hubble

1314

00:56:18,230 --> 00:56:16,319

this is pretty incredible

1315

00:56:20,750 --> 00:56:18,240

it was done remotely

1316

00:56:24,470 --> 00:56:20,760

but just before I just before I left kid

1317

00:56:27,109 --> 00:56:24,480

Peak there was a gathering of all of the

1318

00:56:31,910 --> 00:56:27,119

astronomers the technicians and the

1319

00:56:33,829 --> 00:56:31,920

docents to show and tell during pizza at

1320

00:56:35,809 --> 00:56:33,839

the headquarters of the national Optical

1321

00:56:37,910 --> 00:56:35,819

astronomy observatories which is at the

1322

00:56:40,069 --> 00:56:37,920

University of Arizona

1323

00:56:41,630 --> 00:56:40,079

and we had we had our beer and pizza and

1324

00:56:43,190 --> 00:56:41,640

you know this gentleman gets up and I

1325

00:56:45,650 --> 00:56:43,200

didn't I didn't know his name because I

1326

00:56:48,049 --> 00:56:45,660

knew I was leaving

1327

00:56:50,990 --> 00:56:48,059

he said he said I just returned from a

1328

00:56:53,990 --> 00:56:51,000

worldwide conference on exoplanets

1329

00:56:55,849 --> 00:56:54,000

and using and this is everybody I mean

1330

00:56:57,530 --> 00:56:55,859

regardless of whether any any

1331

00:57:00,290 --> 00:56:57,540

astronomers looking for extra planets

1332

00:57:03,230 --> 00:57:00,300

was at this conference and said based on

1333

00:57:05,049 --> 00:57:03,240

proven mathematical formulas that yeah

1334

00:57:08,450 --> 00:57:05,059

we have years you know

1335

00:57:10,010 --> 00:57:08,460

developing what's out there we calculate

1336

00:57:12,710 --> 00:57:10,020

based on all the newer information from

1337

00:57:15,109 --> 00:57:12,720

exoplanet research

1338

00:57:17,930 --> 00:57:15,119

that for every star in the universe

1339

00:57:20,329 --> 00:57:17,940

there's one and a half planets

1340

00:57:21,829 --> 00:57:20,339

and think about that number I mean you

1341

00:57:23,630 --> 00:57:21,839

can't even you can't even put just the

1342

00:57:25,549 --> 00:57:23,640

decimal points down it would probably

1343

00:57:28,250 --> 00:57:25,559

fill your house

1344

00:57:31,849 --> 00:57:28,260

if they were an object

1345

00:57:34,910 --> 00:57:31,859

he said uh out of that incredible number

1346

00:57:37,190 --> 00:57:34,920

of planets we calculate again using you

1347

00:57:38,569 --> 00:57:37,200

know proven mathematical you know

1348

00:57:41,569 --> 00:57:38,579

formulas

1349

00:57:44,589 --> 00:57:41,579

that there are two billion and that's

1350

00:57:47,690 --> 00:57:44,599

with a B two billion earth-like planets

1351
00:57:50,990 --> 00:57:47,700
orbiting a similar size brown dwarf

1352
00:57:53,390 --> 00:57:51,000
stars our sun in the inhabitable Zone

1353
00:57:55,370 --> 00:57:53,400
with liquid water

1354
00:57:57,710 --> 00:57:55,380
yeah and to quote Jody Foster the

1355
00:58:03,589 --> 00:57:57,720
character in the movie contact if we're

1356
00:58:05,870 --> 00:58:05,089
so

1357
00:58:08,510 --> 00:58:05,880
um

1358
00:58:14,150 --> 00:58:08,520
it is pretty incredible it's I mean it's

1359
00:58:20,210 --> 00:58:17,390
yeah I think uh most of

1360
00:58:22,670 --> 00:58:20,220
Moon uh astronauts guys are land about

1361
00:58:23,510 --> 00:58:22,680
most of them that have spoken

1362
00:58:25,609 --> 00:58:23,520
uh

1363
00:58:27,410 --> 00:58:25,619

regardless of what the consequences are

1364

00:58:30,470 --> 00:58:27,420

have all said

1365

00:58:32,089 --> 00:58:30,480

we were being observed on the moon

1366

00:58:35,450 --> 00:58:32,099

by

1367

00:58:40,370 --> 00:58:38,329

I mean it's documented

1368

00:58:42,410 --> 00:58:40,380

and that's pretty wild yet and

1369

00:58:44,809 --> 00:58:42,420

apparently they have psychography of

1370

00:58:46,609 --> 00:58:44,819

structures on the moon primarily on the

1371

00:58:48,289 --> 00:58:46,619

backside

1372

00:58:50,569 --> 00:58:48,299

um

1373

00:58:52,730 --> 00:58:50,579

yeah I know when I spoke with John Lear

1374

00:58:54,470 --> 00:58:52,740

he had mentioned some of these some of

1375

00:58:58,250 --> 00:58:54,480

these structures on the back side so

1376

00:59:02,690 --> 00:59:00,829

apparently yeah

1377

00:59:05,630 --> 00:59:02,700

yeah and

1378

00:59:08,030 --> 00:59:05,640

why why did we quit going to the Moon

1379

00:59:10,849 --> 00:59:08,040

after Apollo 17.

1380

00:59:13,010 --> 00:59:10,859

maybe we were told by powers that are

1381

00:59:15,770 --> 00:59:13,020

more powerful than we are

1382

00:59:18,309 --> 00:59:15,780

it's not a good idea to come here

1383

00:59:20,809 --> 00:59:18,319

don't come here again for a while

1384

00:59:21,890 --> 00:59:20,819

and now you know now we're you know

1385

00:59:25,010 --> 00:59:21,900

we're

1386

00:59:26,569 --> 00:59:25,020

allegedly heading back

1387

00:59:28,730 --> 00:59:26,579

so it's gonna it's gonna be interesting

1388

00:59:32,569 --> 00:59:28,740

I can have you I can hardly wait for uh

1389

00:59:34,609 --> 00:59:32,579

the moon landing it it's wild the when

1390

00:59:37,490 --> 00:59:34,619

when you start to Fathom what our

1391

00:59:40,609 --> 00:59:37,500

technology might be like now because as

1392

00:59:44,030 --> 00:59:40,619

you mentioned I mean the Blackbirds top

1393

00:59:46,069 --> 00:59:44,040

speed was officially Mach 3.2 but

1394

00:59:49,069 --> 00:59:46,079

I've been told that it could go must

1395

00:59:51,589 --> 00:59:49,079

much faster than that and it was it was

1396

00:59:55,370 --> 00:59:51,599

able to outrun missiles and I mean this

1397

01:00:04,490 --> 01:00:00,069

run the the early sa2 Sams

1398

01:00:07,370 --> 01:00:04,500

uh the new ones the uh the uh

1399

01:00:09,829 --> 01:00:07,380

you know the new Russian ones you know

1400

01:00:11,750 --> 01:00:09,839

probably probably could take it down but

1401

01:00:14,510 --> 01:00:11,760

in the in the environment that it flies

1402

01:00:16,210 --> 01:00:14,520

in is less than a tenth a percent of the

1403

01:00:20,030 --> 01:00:16,220

atmosphere up there I think you're 14

1404

01:00:22,250 --> 01:00:20,040

excuse me so have you know 100 of the

1405

01:00:24,710 --> 01:00:22,260

atmosphere is up there

1406

01:00:26,510 --> 01:00:24,720

so over pressure can't damage the

1407

01:00:28,910 --> 01:00:26,520

airplane that's how that's that's how

1408

01:00:31,190 --> 01:00:28,920

they took down uh Gary Powers into you

1409

01:00:32,990 --> 01:00:31,200

too they didn't hit him with the service

1410

01:00:35,030 --> 01:00:33,000

air missile or an air-to-air missile

1411

01:00:38,329 --> 01:00:35,040

with whichever it was but when it

1412

01:00:39,970 --> 01:00:38,339

exploded the overpressure uh destroyed

1413

01:00:43,910 --> 01:00:39,980

the control surfaces

1414

01:00:44,870 --> 01:00:43,920
at 85 000 feet you have to hit the

1415

01:00:47,390 --> 01:00:44,880
airplane

1416

01:00:49,670 --> 01:00:47,400
and when when Kelly Kelly's team

1417

01:00:52,970 --> 01:00:49,680
designed the Blackbird they designed it

1418

01:00:55,670 --> 01:00:52,980
that if any major composite panel were

1419

01:00:58,130 --> 01:00:55,680
to be lost the airplane is still fully

1420

01:00:59,630 --> 01:00:58,140
functional and able to get home

1421

01:01:04,490 --> 01:00:59,640
so

1422

01:01:07,250 --> 01:01:04,500
uh you know they you know they tried to

1423

01:01:09,710 --> 01:01:07,260
shoot it down and they couldn't but it's

1424

01:01:11,809 --> 01:01:09,720
so amazing to think where technology is

1425

01:01:15,250 --> 01:01:11,819
today and and where it will be tomorrow

1426

01:01:17,990 --> 01:01:15,260

your your stories and knowledge base are

1427

01:01:20,329 --> 01:01:18,000

exponentially more than the usual guests

1428

01:01:24,410 --> 01:01:20,339

I've had the opportunity to talk to Jim

1429

01:01:25,609 --> 01:01:24,420

and I thank you so much any time yeah

1430

01:01:27,950 --> 01:01:25,619

you know

1431

01:01:30,049 --> 01:01:27,960

if you wanted to chat with me again down

1432

01:01:31,609 --> 01:01:30,059

the road I'm more than happy thank you

1433

01:01:33,470 --> 01:01:31,619

so much for taking the time out of your

1434

01:01:35,030 --> 01:01:33,480

day and thanks so much it's been it's

1435

01:01:36,829 --> 01:01:35,040

been an honor can you tell listeners

1436

01:01:39,470 --> 01:01:36,839

where they can keep up with your work

1437

01:01:41,390 --> 01:01:39,480

beautiful photography books and more

1438

01:01:43,910 --> 01:01:41,400

well again I I don't the only thing I

1439

01:01:47,450 --> 01:01:43,920

have is Facebook uh so if you you know

1440

01:01:49,930 --> 01:01:47,460

Jim Goodall and Facebook and

1441

01:01:52,730 --> 01:01:49,940

usually I I if it's someone who's a real

1442

01:01:56,210 --> 01:01:52,740

Aviation Enthusiast and he doesn't have

1443

01:01:57,410 --> 01:01:56,220

any other doesn't know anybody else I

1444

01:01:59,690 --> 01:01:57,420

don't really discriminate when people

1445

01:02:02,030 --> 01:01:59,700

want oh can I be can I be your you know

1446

01:02:05,329 --> 01:02:02,040

be on your friends list sure

1447

01:02:07,970 --> 01:02:05,339

who am I to say no so

1448

01:02:10,010 --> 01:02:07,980

I gotta I gotta run I had to be on a

1449

01:02:12,349 --> 01:02:10,020

different another program here right now

1450

01:02:14,510 --> 01:02:12,359

okay thanks so much Jim have a wonderful

1451
01:02:18,049 --> 01:02:14,520
one it's been an honor thank you sir you

1452
01:02:21,910 --> 01:02:18,059
take care all right bye-bye

1453
01:02:25,190 --> 01:02:21,920
what a treat man oh man you know

1454
01:02:26,390 --> 01:02:25,200
Lockheed Martin and Skunk Works in

1455
01:02:27,710 --> 01:02:26,400
particular

1456
01:02:32,230 --> 01:02:27,720
has

1457
01:02:34,430 --> 01:02:32,240
been tackling seemingly impossible work

1458
01:02:37,270 --> 01:02:34,440
impossible tasks

1459
01:02:40,490 --> 01:02:37,280
and guaranteeing impossible missions

1460
01:02:44,150 --> 01:02:40,500
developing Technologies for tomorrow's

1461
01:02:46,490 --> 01:02:44,160
challenges oftentimes before the need is

1462
01:02:50,569 --> 01:02:46,500
even identified

1463
01:02:53,690 --> 01:02:50,579

they've created stealth capabilities

1464

01:02:56,150 --> 01:02:53,700

radar evading aircraft

1465

01:02:59,210 --> 01:02:56,160

x-planes

1466

01:03:00,650 --> 01:02:59,220

and revolutionary Technologies in

1467

01:03:02,510 --> 01:03:00,660

between

1468

01:03:04,970 --> 01:03:02,520

they have a long history and tradition

1469

01:03:07,430 --> 01:03:04,980

of quickly developing things sometimes

1470

01:03:09,410 --> 01:03:07,440

under the cover of Darkness under circus

1471

01:03:12,109 --> 01:03:09,420

tents

1472

01:03:14,210 --> 01:03:12,119

with enduring Innovation when it's

1473

01:03:18,109 --> 01:03:14,220

needed most

1474

01:03:20,450 --> 01:03:18,119

and it was such a blessing to talk to Mr

1475

01:03:23,089 --> 01:03:20,460

James Goodall he's definitely somebody

1476

01:03:27,589 --> 01:03:23,099

who knows what he's talking about

1477

01:03:30,170 --> 01:03:27,599

and has talked to those in the know

1478

01:03:33,589 --> 01:03:30,180

speaking of those in the know those in

1479

01:03:35,990 --> 01:03:33,599

the know know that there is a ton of

1480

01:03:39,410 --> 01:03:36,000

content behind the paywall

1481

01:03:42,650 --> 01:03:39,420

at hero paranormal on patreon go to

1482

01:03:47,030 --> 01:03:42,660

patreon search for hero paranormal

1483

01:03:49,609 --> 01:03:47,040

And subscribe you can also access a

1484

01:03:55,430 --> 01:03:49,619

bunch of the content behind the paywall

1485

01:04:00,829 --> 01:03:58,010

until next time keep your eyes to the

1486

01:04:07,930 --> 01:04:00,839

skies feet on the ground but don't

1487

01:04:13,370 --> 01:04:11,930

[Music]

1488

01:04:16,110 --> 01:04:13,380

thank you