



1
00:00:00,900 --> 00:00:05,630
and this is weapons

2
00:00:10,190 --> 00:00:07,670
so when we when we started the interview

3
00:00:11,629 --> 00:00:10,200
something that that Jay said kind of

4
00:00:13,190 --> 00:00:11,639
right away that was so interesting to me

5
00:00:14,570 --> 00:00:13,200
was that

6
00:00:18,050 --> 00:00:14,580
ASAP

7
00:00:20,990 --> 00:00:18,060
it from the very onset was technological

8
00:00:24,050 --> 00:00:21,000
it was technology it was about discovery

9
00:00:25,790 --> 00:00:24,060
of disruptive Technologies and you look

10
00:00:27,189 --> 00:00:25,800
at all the dirts and the reports and

11
00:00:30,170 --> 00:00:27,199
obviously they're thinking

12
00:00:33,350 --> 00:00:30,180
forward-looking 30 50 years from now

13
00:00:35,750 --> 00:00:33,360

what could be a disruptive technology no

14

00:00:37,430 --> 00:00:35,760

matter where it's from what what could

15

00:00:38,930 --> 00:00:37,440

be a disruptive technology and then he

16

00:00:42,049 --> 00:00:38,940

said but look

17

00:00:44,090 --> 00:00:42,059

um where the evidence LED is that there

18

00:00:45,950 --> 00:00:44,100

were there were other things that we

19

00:00:48,590 --> 00:00:45,960

learned there was a disruptive

20

00:00:50,690 --> 00:00:48,600

technology aim but that there were a lot

21

00:00:53,209 --> 00:00:50,700

of other things they learned when they

22

00:00:56,150 --> 00:00:53,219

were studying things like the ranch so

23

00:00:57,770 --> 00:00:56,160

so that really threw me for a loop that

24

00:00:59,930 --> 00:00:57,780

um you know something like ASAP came in

25

00:01:02,330 --> 00:00:59,940

with the idea of identifying future

26
00:01:04,009 --> 00:01:02,340
threats and then realized wow there's a

27
00:01:06,170 --> 00:01:04,019
lot more going on he talked about that

28
00:01:08,570 --> 00:01:06,180
in his interview with us so everybody's

29
00:01:11,570 --> 00:01:08,580
photos off that's just as far as ringer

30
00:01:13,070 --> 00:01:11,580
yep oh yeah yeah and alarms are off the

31
00:01:14,630 --> 00:01:13,080
cameras are on the students little a b

32
00:01:17,750 --> 00:01:14,640
common marker

33
00:01:22,789 --> 00:01:20,030
you've done it on camera interview

34
00:01:25,070 --> 00:01:22,799
before have you done interviews before

35
00:01:27,109 --> 00:01:25,080
so this is the first

36
00:01:29,630 --> 00:01:27,119
I mean your world is the black World

37
00:01:31,190 --> 00:01:29,640
classified stuff right and you give me

38
00:01:33,050 --> 00:01:31,200

broad Strokes of your career the

39

00:01:34,730 --> 00:01:33,060

highlights and and kind of secure

40

00:01:38,810 --> 00:01:34,740

programs you worked on

41

00:01:40,789 --> 00:01:38,820

sure uh you know I started uh military I

42

00:01:42,170 --> 00:01:40,799

was a full-time reservist uh with the

43

00:01:45,289 --> 00:01:42,180

Air Force and I

44

00:01:47,929 --> 00:01:45,299

moved up to Maryland to work at Pax

45

00:01:52,370 --> 00:01:47,939

River to do weapons integration with the

46

00:01:53,630 --> 00:01:52,380

F-18 flight test out of navier and from

47

00:01:55,490 --> 00:01:53,640

there I went to the Office of Naval

48

00:01:57,050 --> 00:01:55,500

intelligence where I was recruited to be

49

00:01:59,749 --> 00:01:57,060

an airspace engineer working with them

50

00:02:02,389 --> 00:01:59,759

to look at you know really apply the the

51
00:02:04,789 --> 00:02:02,399
blue knowledge as we call it and apply

52
00:02:07,190 --> 00:02:04,799
it to the red and potential adversaries

53
00:02:10,070 --> 00:02:07,200
and write up reports on what I think

54
00:02:13,089 --> 00:02:10,080
foreign capabilities can do or not do in

55
00:02:17,990 --> 00:02:13,099
a sense reverse engineering absolutely

56
00:02:19,910 --> 00:02:18,000
and you take that into to DIA I went

57
00:02:21,790 --> 00:02:19,920
over to defense intelligence agency

58
00:02:24,589 --> 00:02:21,800
to work in the defense warning office

59
00:02:27,170 --> 00:02:24,599
where I was applying the same knowledge

60
00:02:28,850 --> 00:02:27,180
but at a higher level and more kind of

61
00:02:30,110 --> 00:02:28,860
orchestrating the Intel community at

62
00:02:32,990 --> 00:02:30,120
that point there's a term we use

63
00:02:34,790 --> 00:02:33,000

validation whereas if you're building an

64

00:02:36,770 --> 00:02:34,800

F-22 or you're building a Joint Strike

65

00:02:38,809 --> 00:02:36,780

Fighter uh you know you're really kind

66

00:02:41,210 --> 00:02:38,819

of Designing that to counter a Potential

67

00:02:44,210 --> 00:02:41,220

Threat and that Potential Threat needs

68

00:02:46,910 --> 00:02:44,220

to be a validated threat because what we

69

00:02:50,030 --> 00:02:46,920

can't have happen is a Lockheed Martin

70

00:02:52,550 --> 00:02:50,040

or a Boeing you know spending tons of

71

00:02:54,410 --> 00:02:52,560

money against a threat that they they

72

00:02:55,670 --> 00:02:54,420

say exists where the government needs to

73

00:02:57,770 --> 00:02:55,680

say it exists so it's kind of a

74

00:02:59,570 --> 00:02:57,780

contractual thing of you're building to

75

00:03:01,369 --> 00:02:59,580

the validated threat and that's what I

76

00:03:03,170 --> 00:03:01,379

did at the defense intelligence agency

77

00:03:04,790 --> 00:03:03,180

along with also having a science and

78

00:03:07,250 --> 00:03:04,800

Technical intelligence hat with the

79

00:03:08,809 --> 00:03:07,260

defensive learning office to look across

80

00:03:11,890 --> 00:03:08,819

the the Spectrum at technology

81

00:03:15,229 --> 00:03:11,900

specifically air and space that our

82

00:03:17,229 --> 00:03:15,239

Leading Edge things that could could be

83

00:03:19,490 --> 00:03:17,239

disruptive and challenge us

84

00:03:21,470 --> 00:03:19,500

in the future you know we're looking 10

85

00:03:23,809 --> 00:03:21,480

20 and sometimes 50 years out depending

86

00:03:26,149 --> 00:03:23,819

on on the topic and trying to to provide

87

00:03:27,110 --> 00:03:26,159

the Department of Defense and and across

88

00:03:29,089 --> 00:03:27,120

the Intel Community a better

89

00:03:31,309 --> 00:03:29,099

understanding of some of those potential

90

00:03:34,369 --> 00:03:31,319

disruptive threats so that we could uh

91

00:03:36,710 --> 00:03:34,379

get ahead of the game and counter them

92

00:03:38,210 --> 00:03:36,720

and when you're at DIA I'm ignorant of

93

00:03:39,830 --> 00:03:38,220

this stuff but you were a Navy guy who

94

00:03:41,750 --> 00:03:39,840

then goes to work for Dia does that mean

95

00:03:43,430 --> 00:03:41,760

you're a Navy guy with ndia or you're

96

00:03:44,509 --> 00:03:43,440

always a Navy guys so when I

97

00:03:46,850 --> 00:03:44,519

transitioned to office Naval

98

00:03:49,250 --> 00:03:46,860

intelligence I became civil service so

99

00:03:51,589 --> 00:03:49,260

I'm a Navy employee uh with the national

100

00:03:53,509 --> 00:03:51,599

Intel community so your service centers

101
00:03:55,610 --> 00:03:53,519
office Naval intelligence nasir National

102
00:03:57,589 --> 00:03:55,620
Air and Space Intel Center the missile

103
00:04:00,890 --> 00:03:57,599
and space Intel Center is a subcomponent

104
00:04:03,170 --> 00:04:00,900
of the DIA that's here in Huntsville and

105
00:04:04,550 --> 00:04:03,180
uh then you have the ncia which is the

106
00:04:06,229 --> 00:04:04,560
Marine Corps intelligence activity and

107
00:04:07,910 --> 00:04:06,239
then finally the National Ground Intel

108
00:04:09,470 --> 00:04:07,920
Center at Charlottesville those are the

109
00:04:10,490 --> 00:04:09,480
four what we call service centers and

110
00:04:12,289 --> 00:04:10,500
now you're going to have one for the

111
00:04:14,690 --> 00:04:12,299
space force co-located at

112
00:04:17,449 --> 00:04:14,700
Wright-Patterson Air Force Base those

113
00:04:19,550 --> 00:04:17,459

are service centers that support the

114

00:04:20,870 --> 00:04:19,560

analysis that supports the Navy or

115

00:04:23,210 --> 00:04:20,880

supports the Marine Corps supports the

116

00:04:25,490 --> 00:04:23,220

Army but in reality they are all funded

117

00:04:28,730 --> 00:04:25,500

by the director National Intelligence

118

00:04:33,469 --> 00:04:28,740

now the odni as as National Intel funded

119

00:04:35,689 --> 00:04:33,479

billets that are able to support so you

120

00:04:38,090 --> 00:04:35,699

know people refer to oh and I the office

121

00:04:40,310 --> 00:04:38,100

is the Navy's Intel Center the reality

122

00:04:42,290 --> 00:04:40,320

is it's the national Maritime Intel

123

00:04:44,870 --> 00:04:42,300

Center where we are the threat at the

124

00:04:47,270 --> 00:04:44,880

maritime in and and when you think of

125

00:04:49,969 --> 00:04:47,280

Navy too right you got to remember that

126
00:04:51,590 --> 00:04:49,979
Navy is the the Navy but the Navy also

127
00:04:53,870 --> 00:04:51,600
has an Air Force

128
00:04:56,270 --> 00:04:53,880
and the Navy has an Army and the Navy's

129
00:04:58,370 --> 00:04:56,280
Army has an Air Force right so it's a

130
00:05:01,070 --> 00:04:58,380
big Service uh

131
00:05:04,129 --> 00:05:01,080
so with that on I has a big big

132
00:05:07,249 --> 00:05:04,139
footprint and a big concern but in all

133
00:05:10,010 --> 00:05:07,259
of that the key in bringing up that the

134
00:05:11,629 --> 00:05:10,020
odni funds the forest service centers is

135
00:05:13,610 --> 00:05:11,639
very important because back to the

136
00:05:15,650 --> 00:05:13,620
threat that justifies the building of

137
00:05:17,689 --> 00:05:15,660
new systems and and such right the Air

138
00:05:20,210 --> 00:05:17,699

Force really wants a program they might

139

00:05:22,490 --> 00:05:20,220

go to NASA can say we need a threat to

140

00:05:24,409 --> 00:05:22,500

drive that program and we are funded by

141

00:05:25,670 --> 00:05:24,419

the national side of the house so we can

142

00:05:26,810 --> 00:05:25,680

say well we don't take orders from the

143

00:05:29,330 --> 00:05:26,820

Air Force in that regard we'll take

144

00:05:31,010 --> 00:05:29,340

orders from the Navy so we can you know

145

00:05:32,810 --> 00:05:31,020

this is the assessment right that's

146

00:05:34,310 --> 00:05:32,820

that's driven out of tradecraft and and

147

00:05:36,469 --> 00:05:34,320

that's the answer it's kind of

148

00:05:37,909 --> 00:05:36,479

independent it's very independent and

149

00:05:39,230 --> 00:05:37,919

and a lot of people don't realize that

150

00:05:41,029 --> 00:05:39,240

you know they look at those service

151

00:05:43,129 --> 00:05:41,039

Intel centers as kind of parts of the

152

00:05:45,110 --> 00:05:43,139

Air Force parts of the army they are on

153

00:05:46,610 --> 00:05:45,120

paper but in reality you know the

154

00:05:48,770 --> 00:05:46,620

majority of their budget comes from the

155

00:05:50,689 --> 00:05:48,780

national you you're so you're you have

156

00:05:52,490 --> 00:05:50,699

high security clearances you're you see

157

00:05:54,830 --> 00:05:52,500

sensitive stuff the sensitive as it gets

158

00:05:56,570 --> 00:05:54,840

all through my career uh so so from

159

00:05:58,310 --> 00:05:56,580

there you know Dia went back to Oni to

160

00:06:01,249 --> 00:05:58,320

be the head of air Warfare whether I was

161

00:06:03,710 --> 00:06:01,259

a deputy initially uh then the uh

162

00:06:05,870 --> 00:06:03,720

fleeted up as we say to be the director

163

00:06:07,730 --> 00:06:05,880

of air Warfare for o and I uh when I

164

00:06:09,290 --> 00:06:07,740

first went back uh we had I had

165

00:06:10,909 --> 00:06:09,300

everything and and that air that touches

166

00:06:12,050 --> 00:06:10,919

there in the Navy so science and

167

00:06:13,790 --> 00:06:12,060

technical side as well as the

168

00:06:16,790 --> 00:06:13,800

operational and tactics side we call it

169

00:06:18,830 --> 00:06:16,800

uh spear uh is kind of the the nickname

170

00:06:22,189 --> 00:06:18,840

for or the the name that that

171

00:06:24,529 --> 00:06:22,199

organization uses uh we've got a history

172

00:06:26,029 --> 00:06:24,539

all the way back to Desert Storm uh if

173

00:06:29,090 --> 00:06:26,039

you watch Top Gun originally Charlie

174

00:06:31,309 --> 00:06:29,100

that's briefing the migs she was based

175

00:06:34,129 --> 00:06:31,319

on a spear analyst so the group that I

176

00:06:37,370 --> 00:06:34,139

led has that kind of of pedigree of

177

00:06:39,650 --> 00:06:37,380

talking about how capabilities operate

178

00:06:41,990 --> 00:06:39,660

so you know your National Intel centers

179

00:06:43,550 --> 00:06:42,000

at nasik for example right can talk

180

00:06:44,930 --> 00:06:43,560

about a Russian fighter and I'll just

181

00:06:46,909 --> 00:06:44,940

throw an example when you everybody

182

00:06:48,529 --> 00:06:46,919

knows we look at Russia a Russian

183

00:06:50,029 --> 00:06:48,539

fighter talk about how fast it flies how

184

00:06:52,490 --> 00:06:50,039

high it can fly based on their

185

00:06:54,890 --> 00:06:52,500

assessments right uh what spear does is

186

00:06:56,330 --> 00:06:54,900

we we get into the head of the pilots

187

00:06:57,950 --> 00:06:56,340

and we try to talk about how they're

188

00:06:59,330 --> 00:06:57,960

going to fly that aircraft you know one

189

00:07:00,830 --> 00:06:59,340

of the analogies I've used for years is

190

00:07:02,450 --> 00:07:00,840

hockey players right every hockey player

191

00:07:03,469 --> 00:07:02,460

has to know how to skate some of them

192

00:07:05,570 --> 00:07:03,479

are better than the others but it's

193

00:07:07,070 --> 00:07:05,580

really about the game right it's about

194

00:07:08,809 --> 00:07:07,080

everything else butt skating skating

195

00:07:11,390 --> 00:07:08,819

comes second so if you think about that

196

00:07:12,950 --> 00:07:11,400

and apply it to a fighter aircraft it's

197

00:07:14,330 --> 00:07:12,960

how they're how they're deploying that

198

00:07:16,070 --> 00:07:14,340

right and guys what my background can

199

00:07:17,570 --> 00:07:16,080

watch somebody flying an airplane and go

200

00:07:19,189 --> 00:07:17,580

well he's probably rushing or you know

201

00:07:20,290 --> 00:07:19,199

or whoever right it might that's

202

00:07:22,850 --> 00:07:20,300

probably an American

203

00:07:25,490 --> 00:07:22,860

so you know you really kind of can

204

00:07:27,529 --> 00:07:25,500

recognize some of the the techniques and

205

00:07:29,330 --> 00:07:27,539

the way they do things you know mutual

206

00:07:32,150 --> 00:07:29,340

friend of ours is trying to describe how

207

00:07:35,390 --> 00:07:32,160

high up you went and he compared you to

208

00:07:36,830 --> 00:07:35,400

a two-star Admiral that wasn't accurate

209

00:07:38,570 --> 00:07:36,840

exactly you weren't comfortable with

210

00:07:40,670 --> 00:07:38,580

that but how how would I explain to our

211

00:07:43,430 --> 00:07:40,680

audience how far up the rung you went

212

00:07:45,589 --> 00:07:43,440

well sure it's it's right in us and and

213

00:07:48,710 --> 00:07:45,599

I didn't want to really push any uh

214

00:07:50,150 --> 00:07:48,720

buttons with that uh so from from oh and

215

00:07:51,950 --> 00:07:50,160

I you know I went to the Pentagon and I

216

00:07:53,150 --> 00:07:51,960

worked in into and six and switches the

217

00:07:54,770 --> 00:07:53,160

headquarters level for Naval

218

00:07:57,110 --> 00:07:54,780

intelligence the director of Naval

219

00:07:58,850 --> 00:07:57,120

intelligence uh is is dual had it is

220

00:08:01,189 --> 00:07:58,860

what we call the N2 and six was just you

221

00:08:03,710 --> 00:08:01,199

know the opnav office code

222

00:08:06,290 --> 00:08:03,720

um at that point I was still a 15 and

223

00:08:07,550 --> 00:08:06,300

then I went off to be uh the J2 the

224

00:08:09,770 --> 00:08:07,560

director of intelligence for the joint

225

00:08:11,150 --> 00:08:09,780

Warfare analysis Center at Dahlgren uh

226

00:08:13,969 --> 00:08:11,160

and then from there I was promoted

227

00:08:15,710 --> 00:08:13,979

initially to what we call tier one uh

228

00:08:18,290 --> 00:08:15,720

defense intelligence senior level tier

229

00:08:22,129 --> 00:08:18,300

one uh which is a as a senior executive

230

00:08:23,689 --> 00:08:22,139

position uh and then was uh within eight

231

00:08:25,730 --> 00:08:23,699

months or so I was bumped up to a tier

232

00:08:27,129 --> 00:08:25,740

two which is where the two star comes in

233

00:08:32,269 --> 00:08:27,139

uh

234

00:08:33,649 --> 00:08:32,279

throughout my career it's been you know

235

00:08:36,589 --> 00:08:33,659

are you really equal right we always

236

00:08:39,110 --> 00:08:36,599

throw out GS 15s or kernels or you know

237

00:08:40,909 --> 00:08:39,120

there's an equivalency but you don't go

238

00:08:45,170 --> 00:08:40,919

busting around the Pentagon saying oh

239

00:08:48,230 --> 00:08:45,180

I'll rank you or you know so right yeah

240

00:08:49,610 --> 00:08:48,240

but but you do uh have the the gravitas

241

00:08:51,470 --> 00:08:49,620

if that's a good word to use that's not

242

00:08:54,829 --> 00:08:51,480

a good word to use the the kind of the

243

00:08:57,110 --> 00:08:54,839

peer level uh right uh so you know if

244

00:08:58,730 --> 00:08:57,120

I'd go into a meeting uh with a two-star

245

00:09:01,670 --> 00:08:58,740

or one star you know kind of have a peer

246

00:09:03,650 --> 00:09:01,680

level so I'm not putting in the corner

247

00:09:05,150 --> 00:09:03,660

you know and and typically in my

248

00:09:07,130 --> 00:09:05,160

meetings I you know I was there

249

00:09:08,630 --> 00:09:07,140

representing someone higher than me as

250

00:09:10,130 --> 00:09:08,640

well sometimes I representing myself but

251
00:09:12,170 --> 00:09:10,140
sometimes I'm there representing someone

252
00:09:13,670 --> 00:09:12,180
higher than me so then I inherit their

253
00:09:15,290 --> 00:09:13,680
Authority I'm sitting at their seat with

254
00:09:16,670 --> 00:09:15,300
their name on it so I'm speaking for

255
00:09:17,990 --> 00:09:16,680
that person I wouldn't be sent to that

256
00:09:20,090 --> 00:09:18,000
meeting if I couldn't speak for that

257
00:09:21,949 --> 00:09:20,100
person and a lot of that in the Pentagon

258
00:09:24,110 --> 00:09:21,959
is resource sponsoring so you know I

259
00:09:25,910 --> 00:09:24,120
said in many uh tables where I was

260
00:09:27,530 --> 00:09:25,920
representing the resource sponsor and

261
00:09:29,269 --> 00:09:27,540
that gets attention because acquisition

262
00:09:31,070 --> 00:09:29,279
programs at your Navigator your navc

263
00:09:33,650 --> 00:09:31,080

your Air Force material came man those

264

00:09:36,470 --> 00:09:33,660

are all built on requirements back to

265

00:09:38,630 --> 00:09:36,480

the threat right and and those

266

00:09:40,850 --> 00:09:38,640

requirements are paid for by resource

267

00:09:44,269 --> 00:09:40,860

sponsors so the resource sponsor says we

268

00:09:45,829 --> 00:09:44,279

need a new Jammer and and from that

269

00:09:48,470 --> 00:09:45,839

resource sponsor requirements are driven

270

00:09:50,210 --> 00:09:48,480

and then capabilities are built and they

271

00:09:52,190 --> 00:09:50,220

go to whoever can build that capability

272

00:09:54,710 --> 00:09:52,200

whether that's navair or that's nav you

273

00:09:56,690 --> 00:09:54,720

know whoever that might be right so uh

274

00:09:59,030 --> 00:09:56,700

so in those circles you know you get to

275

00:10:01,190 --> 00:09:59,040

know a lot of people and that helped me

276

00:10:03,650 --> 00:10:01,200

later uh to to really kind of know who

277

00:10:06,050 --> 00:10:03,660

who I need to reach out to can you

278

00:10:08,269 --> 00:10:06,060

describe for me at what point UFOs they

279

00:10:09,829 --> 00:10:08,279

were called then uaps now at what point

280

00:10:11,509 --> 00:10:09,839

that kind of got on your radar screen

281

00:10:14,269 --> 00:10:11,519

was it something you had at least a

282

00:10:16,850 --> 00:10:14,279

casual interest in growing up or it came

283

00:10:19,610 --> 00:10:16,860

a point in your professional career that

284

00:10:21,650 --> 00:10:19,620

it it landed on your desk yeah every

285

00:10:24,889 --> 00:10:21,660

time I've done anything related to UAP

286

00:10:27,110 --> 00:10:24,899

or UFO has been my job

287

00:10:29,150 --> 00:10:27,120

um and and what I mean by that I didn't

288

00:10:30,350 --> 00:10:29,160

really have a passion growing up I

289

00:10:33,230 --> 00:10:30,360

didn't have all the books so I didn't

290

00:10:35,990 --> 00:10:33,240

watch all the TV shows I stepped into a

291

00:10:38,750 --> 00:10:36,000

job at the defense intelligence agency

292

00:10:40,310 --> 00:10:38,760

where some things came across the desk

293

00:10:42,530 --> 00:10:40,320

again thinking Technologies and other

294

00:10:45,470 --> 00:10:42,540

things where I needed to to really kind

295

00:10:47,389 --> 00:10:45,480

of dig in and understand potentials and

296

00:10:49,610 --> 00:10:47,399

those potentials you know I kept an open

297

00:10:51,970 --> 00:10:49,620

mind a skeptic mind whatever you want to

298

00:10:54,650 --> 00:10:51,980

call it you know looking for uh

299

00:10:58,090 --> 00:10:54,660

something that could answer this and all

300

00:11:00,170 --> 00:10:58,100

the means that I had to to to chase that

301

00:11:02,269 --> 00:11:00,180

but there were definitely some times

302

00:11:06,829 --> 00:11:02,279

where we really couldn't close the loop

303

00:11:10,670 --> 00:11:06,839

and with that uh we realized that that