

1

00:00:00,000 --> 00:00:13,000

On this death-defying episode of Mythbusters,

2

00:00:13,000 --> 00:00:20,000

it's all guns blazing as Adam and Jamie take another aim at what is bulletproof.

3

00:00:20,000 --> 00:00:22,000

Oh, check out my new bulletproof vest, man!

4

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

From pocket protection to homemade remedies.

5

00:00:26,000 --> 00:00:30,000

And even the human body itself.

6

00:00:30,000 --> 00:00:33,000

That what is in your gut.

7

00:00:33,000 --> 00:00:37,000

Meanwhile, Carrie takes a swing at a kill-bill myth.

8

00:00:37,000 --> 00:00:41,000

She and the boys get beaten black and blue.

9

00:00:41,000 --> 00:00:45,000

As they find out if you can first punch through...

10

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

He's alive!

11

00:00:47,000 --> 00:00:51,000

And then climb out of a coffin that's buried six feet under.

12

00:00:51,000 --> 00:00:53,000

Ah, s\*\*\*!

13

00:00:56,000 --> 00:00:58,000

Who are the Mythbusters?

14

00:00:58,000 --> 00:01:00,000

Oh, that's pretty.

15

00:01:00,000 --> 00:01:01,000

Adam Savage.

16

00:01:01,000 --> 00:01:03,000

I love results!

17

00:01:03,000 --> 00:01:05,000

And Jamie Heineman.

18

00:01:05,000 --> 00:01:06,000

Bye-bye!

19

00:01:06,000 --> 00:01:10,000

Between them more than 30 years of special effects experience.

20

00:01:10,000 --> 00:01:13,000

Rise, my son!

21

00:01:13,000 --> 00:01:15,000

Joining them,

22

00:01:15,000 --> 00:01:17,000

Tori Velaychee.

23

00:01:17,000 --> 00:01:19,000

Is this as disturbing as I think it is?

24

00:01:19,000 --> 00:01:20,000

Grant Imahara.

25

00:01:20,000 --> 00:01:22,000

Have you lost your damn mind?

26

00:01:22,000 --> 00:01:23,000

And Carrie Byron.

27

00:01:23,000 --> 00:01:25,000

That was a rush!

28

00:01:25,000 --> 00:01:29,000

They don't just tell the Myths, they put them to the test.

29

00:01:38,000 --> 00:01:42,000

First up, it's bulletproof in the firing line.

30

00:01:42,000 --> 00:01:45,000

Well, you're looking pretty bulletproof there.

31

00:01:45,000 --> 00:01:48,000

I'm feeling pretty well protected from bullets,

32

00:01:48,000 --> 00:01:49,000

and that begs the question.

33

00:01:49,000 --> 00:01:50,000

What's bulletproof?

34

00:01:50,000 --> 00:01:51,000

Exactly!

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00:01:51,000 --> 00:01:54,000

Ever since we aired our first What is Bulletproof episode,

36

00:01:54,000 --> 00:01:57,000

the fans have inundated us with all sorts of crazy suggestions

37

00:01:57,000 --> 00:02:00,000

for bizarre things that might be bulletproof.

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00:02:00,000 --> 00:02:03,000

And that means that it's time for the Mythbusters.

39

00:02:03,000 --> 00:02:05,000

What is bulletproof?

40

00:02:05,000 --> 00:02:06,000

Part two.

41

00:02:06,000 --> 00:02:08,000

Exactly.

42

00:02:08,000 --> 00:02:11,000

It was way back in season three.

43

00:02:11,000 --> 00:02:16,000

A fresh-faced Adam and Jamie separated firearms folklore...

44

00:02:16,000 --> 00:02:20,000

dead center from ballistics baloney.

45

00:02:20,000 --> 00:02:23,000

Ever since, fans have been crying out for more.

46

00:02:23,000 --> 00:02:26,000

So now it's time to make your day.

47

00:02:26,000 --> 00:02:28,000

What's on the list?

48

00:02:28,000 --> 00:02:30,000

Well, first up for bulletproof, you've got a host of objects

49

00:02:30,000 --> 00:02:33,000

that you might be holding or wearing, things like police badges,

50

00:02:33,000 --> 00:02:36,000

MP3 players, and even pizza.

51

00:02:36,000 --> 00:02:38,000

Sounds pretty straightforward.

52

00:02:38,000 --> 00:02:39,000

There's not a whole lot of setup.

53

00:02:39,000 --> 00:02:41,000

No, let's just get out to the shooting range,

54

00:02:41,000 --> 00:02:43,000

shoot at stuff, and find out what's bulletproof.

55

00:02:43,000 --> 00:02:45,000

Yep, it's as simple as that.

56

00:02:45,000 --> 00:02:47,000

So they head straight to the firing range

57

00:02:47,000 --> 00:02:50,000

with their ballistics gel dummy.

58

00:02:50,000 --> 00:02:52,000

Dummy, dummy, dummy.

59

00:02:52,000 --> 00:02:54,000

Who's going to take one for the team?

60

00:02:54,000 --> 00:02:56,000

This may look like a clear jelly-like man,

61

00:02:56,000 --> 00:02:59,000

but in fact, he's a ballistics testing platform

62

00:02:59,000 --> 00:03:03,000

for our day's experiments, which include many things

63

00:03:03,000 --> 00:03:06,000

which you wouldn't expect to be either protective or bulletproof

64

00:03:06,000 --> 00:03:09,000

that might in fact be things like MP3 players,

65

00:03:09,000 --> 00:03:13,000

law enforcement badges, and even pizza boxes.

66

00:03:13,000 --> 00:03:16,000

This guy's going to test them all for us.

67

00:03:16,000 --> 00:03:19,000

And first up, Adam's wishing on a shooting star.

68

00:03:19,000 --> 00:03:23,000

So the story goes that a police officer was shot by a perp

69

00:03:23,000 --> 00:03:26,000

at close range with a 40-caliber pistol,

70

00:03:26,000 --> 00:03:29,000

but the police officer was saved by his badge,

71

00:03:29,000 --> 00:03:31,000

which stopped the bullet.

72

00:03:31,000 --> 00:03:34,000

It's a stellar story, all right.

73

00:03:34,000 --> 00:03:37,000

An officer saved by his badge when shot at close range,

74

00:03:37,000 --> 00:03:39,000

but did it really happen?

75

00:03:39,000 --> 00:03:41,000

Let's get him placed and do it.

76

00:03:41,000 --> 00:03:45,000

Well, to find out, Adam steps up with an identical handgun.

77

00:03:45,000 --> 00:03:47,000

Gun is loaded.

78

00:03:47,000 --> 00:03:50,000

And he's aiming at a standard-issue silver police badge.

79

00:03:50,000 --> 00:03:52,000

This is called a star.

80

00:03:52,000 --> 00:03:54,000

We had this specially made by the same company

81

00:03:54,000 --> 00:03:56,000

that makes them for the police.

82

00:03:56,000 --> 00:03:58,000

This one is made out of sterling silver.

83

00:03:58,000 --> 00:04:01,000

Could it really stop a slug?

84

00:04:01,000 --> 00:04:02,000

Range is hot.

85

00:04:02,000 --> 00:04:04,000

Clear to fire.

86

00:04:04,000 --> 00:04:06,000

Three, two, one.

87

00:04:07,000 --> 00:04:09,000

It's a direct hit.

88

00:04:09,000 --> 00:04:11,000

So what's the verdict?

89

00:04:11,000 --> 00:04:13,000

That doesn't look like it stopped it.

90

00:04:13,000 --> 00:04:15,000

Shot the top of the star off.

91

00:04:15,000 --> 00:04:16,000

She's no bulletproof.

92

00:04:16,000 --> 00:04:18,000

No.

93

00:04:18,000 --> 00:04:20,000

The bullet clipped the star,

94

00:04:20,000 --> 00:04:22,000

but passed right through the dummy.

95

00:04:22,000 --> 00:04:24,000

I can see the path of the bullet right there,

96

00:04:24,000 --> 00:04:27,000

heading all the way up through the gel and exiting there.

97

00:04:27,000 --> 00:04:31,000

And that would make any dude one dead duck.

98

00:04:31,000 --> 00:04:35,000

Silver itself is obviously not the hardest of medals,

99

00:04:35,000 --> 00:04:37,000

so it's not terribly surprising,

100

00:04:37,000 --> 00:04:41,000

but in this case, it didn't seem to do anything at all.

101

00:04:41,000 --> 00:04:42,000

So what's up next?

102

00:04:42,000 --> 00:04:43,000

Well, silver's out.

103

00:04:43,000 --> 00:04:46,000

Next up, we've got a badge which is called a shield,

104

00:04:46,000 --> 00:04:49,000

and it's got a copper back with a bronze star.

105

00:04:49,000 --> 00:04:50,000

Okay.

106

00:04:50,000 --> 00:04:54,000

It's a different badge, but will it be a different result?

107

00:04:54,000 --> 00:04:55,000

Gun is loaded.

108

00:04:55,000 --> 00:04:59,000

Adam lines it up in his sights.

109

00:04:59,000 --> 00:05:03,000

But just like test one, he hasn't hit a dead center again.

110

00:05:03,000 --> 00:05:05,000

That was low into the left.

111

00:05:05,000 --> 00:05:08,000

And that's stirring up some shooting rivalry.

112

00:05:08,000 --> 00:05:13,000

What's that you were saying about being a better shot than I am?

113

00:05:13,000 --> 00:05:20,000

A rivalry that goes way back to what is bulletproof part one.

114

00:05:20,000 --> 00:05:21,000

Did I even hit it?

115

00:05:21,000 --> 00:05:22,000

Over the top.

116

00:05:22,000 --> 00:05:23,000

Oh, I think it's your turn, sir.

117

00:05:23,000 --> 00:05:25,000

I can't seem to hit that damn thing.

118

00:05:25,000 --> 00:05:27,000

Okay.

119

00:05:27,000 --> 00:05:30,000

But this time, Adam ain't given up without a fight.

120

00:05:30,000 --> 00:05:32,000

I'm going to hit the dot this time, like, I swear.

121

00:05:32,000 --> 00:05:36,000

And for bronze on copper, take two.

122

00:05:36,000 --> 00:05:38,000

It's a much better shot.

123

00:05:38,000 --> 00:05:42,000

Oh, it looks like I slid off the star.

124

00:05:42,000 --> 00:05:48,000

Yep, he's hit the center star, and this time the results are surprising.

125

00:05:48,000 --> 00:05:49,000

Look at that.

126

00:05:49,000 --> 00:05:52,000

Unlike every other bullet we've fired that's gone all the way through,

127

00:05:52,000 --> 00:05:55,000

this one is stopped in the middle.

128

00:05:55,000 --> 00:05:57,000

So that extra piece slowed it down?

129

00:05:57,000 --> 00:05:58,000

It slowed down significantly.

130

00:05:58,000 --> 00:06:00,000

There might actually be something to this.

131

00:06:00,000 --> 00:06:05,000

Although the bullet was definitely slowed down, it was still a lethal shot.

132

00:06:05,000 --> 00:06:08,000

So it's on to the third and final badge.

133

00:06:08,000 --> 00:06:10,000

Nickel badge with a bronze star.

134

00:06:10,000 --> 00:06:13,000

It's tougher than the others, but is it bulletproof?

135

00:06:13,000 --> 00:06:17,000

If I have to hazard a guess, I don't think that this,

136

00:06:17,000 --> 00:06:20,000

even with these two pieces of metal, is going to stop this bullet.

137

00:06:20,000 --> 00:06:23,000

Well, there's only one way to find out.

138

00:06:23,000 --> 00:06:26,000

How did I do?

139

00:06:27,000 --> 00:06:30,000

Amazingly, the badge actually catches the cat.

140

00:06:30,000 --> 00:06:32,000

Whoa!

141

00:06:35,000 --> 00:06:41,000

And just as amazing for the first time that I can remember, Adam's speechless.

142

00:06:44,000 --> 00:06:46,000

Holy Cremoli.

143

00:06:47,000 --> 00:06:51,000

The bullet struck the star dead on, and the shield stopped it flat.

144

00:06:51,000 --> 00:06:55,000

The wearer can thank his lucky stars because he'd be safe.

145

00:06:56,000 --> 00:06:58,000

If I was a policeman and this happened to me, you know what?

146

00:06:58,000 --> 00:06:59,000

I'd still wear the badge.

147

00:06:59,000 --> 00:07:02,000

You'd be like, I've already had the worst day possible.

148

00:07:02,000 --> 00:07:04,000

You can't make it any worse.

149

00:07:04,000 --> 00:07:09,000

So while bronze and nickel fail to deliver, gold goes to the nickel.

150

00:07:09,000 --> 00:07:14,000

A bulletproof result that slates this story as plausible.

151

00:07:18,000 --> 00:07:21,000

Next up, we've got a real cracker.

152

00:07:22,000 --> 00:07:25,000

Is it casual Friday?

153

00:07:25,000 --> 00:07:27,000

What's going on here?

154

00:07:27,000 --> 00:07:30,000

Oh, wait a minute. Yellow tracksuit, sword.

155

00:07:30,000 --> 00:07:32,000

We're doing kill bill myths.

156

00:07:32,000 --> 00:07:34,000

The fans can't get enough of our martial arts myths.

157

00:07:34,000 --> 00:07:39,000

And in fact, since the Ninja Special, we've been inundated with requests to do the coffin punch scene from Kill Bill.

158

00:07:39,000 --> 00:07:43,000

That's the scene where she's buried alive and she punches her way through the casket,

159

00:07:43,000 --> 00:07:45,000

climbs through six feet of dirt with her bare hands.

160

00:07:45,000 --> 00:07:46,000

Right.

161

00:07:46,000 --> 00:07:47,000

No sword, right?

162

00:07:47,000 --> 00:07:48,000

There's no sword.

163

00:07:48,000 --> 00:07:49,000

Okay, put the sword down.

164

00:07:49,000 --> 00:07:50,000

Yeah, don't hurt yourself.

165

00:07:50,000 --> 00:07:54,000

It's a chilling scene that nightmares are made of.

166

00:07:54,000 --> 00:07:58,000

As our yellow-suited heroine literally gets buried alive,

167

00:07:58,000 --> 00:08:02,000

trapped six feet under, escape seems impossible.

168

00:08:02,000 --> 00:08:06,000

Unless, of course, you are a trained martial arts assassin.

169

00:08:06,000 --> 00:08:09,000

So undeterred by being interred,

170

00:08:09,000 --> 00:08:13,000

our heroine uses a series of three-inch power punches,

171

00:08:13,000 --> 00:08:14,000

cracks the casket,

172

00:08:14,000 --> 00:08:16,000

worms through the soil,

173

00:08:16,000 --> 00:08:18,000

and lives to take her revenge.

174

00:08:18,000 --> 00:08:22,000

But is such a death-defying deed really doable?

175

00:08:24,000 --> 00:08:26,000

All right, you guys, how do you want to test this one?

176

00:08:26,000 --> 00:08:29,000

Well, I think the biggest issue is going to be the fact that she didn't have a lot of room to punch.

177

00:08:29,000 --> 00:08:30,000

She only had about three inches.

178

00:08:30,000 --> 00:08:34,000

So we have to see how much force you can generate from just a three-inch punch.

179

00:08:34,000 --> 00:08:37,000

Then I think we should get a real coffin and see how much force it takes to break through that.

180

00:08:37,000 --> 00:08:39,000

All right, well, assuming we can punch the lid,

181

00:08:39,000 --> 00:08:43,000

then we need to find out if you can dig through six feet of dirt with your bare hands.

182

00:08:43,000 --> 00:08:45,000

Before I even get to that, how are we going to test force?

183

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

Last time we test the force of a punch,

184

00:08:47,000 --> 00:08:49,000

we almost broke Tori's hand.

185

00:08:49,000 --> 00:08:50,000

Yeah.

186

00:08:50,000 --> 00:08:51,000

Okay, well, I got a brand new technique.

187

00:08:51,000 --> 00:08:54,000

I guarantee you no one is going to get hurt.

188

00:08:54,000 --> 00:08:57,000

Last time they tested punching power,

189

00:08:57,000 --> 00:09:00,000

Grant's invention busted more fists than myths.

190

00:09:00,000 --> 00:09:04,000

So this time he's gone high tech.

191

00:09:04,000 --> 00:09:06,000

I've got a tech scan flexible sensor,

192

00:09:06,000 --> 00:09:08,000

plugs into a USB evolution handle,

193

00:09:08,000 --> 00:09:10,000

and that goes into my computer.

194

00:09:10,000 --> 00:09:15,000

And the computer will be able to record the exact amount of force applied to the sensor.

195

00:09:15,000 --> 00:09:17,000

Once the sensor records the punch,

196

00:09:17,000 --> 00:09:20,000

the computer then converts the blow to pounds,

197

00:09:20,000 --> 00:09:22,000

giving a total amount of force applied.

198

00:09:22,000 --> 00:09:25,000

So armed with Grant's weapon of choice,

199

00:09:25,000 --> 00:09:26,000

You ready for the theory?

200

00:09:26,000 --> 00:09:31,000

It's time to test what power of a punch the guys can pack.

201

00:09:31,000 --> 00:09:36,000

Our very own Italian stallion shapes up first with a full-arm jab.

202

00:09:36,000 --> 00:09:37,000

Go.

203

00:09:38,000 --> 00:09:39,000

Nice.

204

00:09:39,000 --> 00:09:40,000

Ooh, look at that.

205

00:09:40,000 --> 00:09:41,000

Okay, stand by.

206

00:09:41,000 --> 00:09:44,000

And Grant's reader records the result.

207

00:09:44,000 --> 00:09:49,000

Okay, so it looks like your peak there was 1,430 pounds.

208

00:09:49,000 --> 00:09:50,000

Ooh.

209

00:09:50,000 --> 00:09:52,000

But of course in the movie,

210

00:09:52,000 --> 00:09:57,000

the heroin only had three inches of punch power to bust through the box.

211

00:09:57,000 --> 00:10:00,000

So Grant resets and Tori refocuses,

212

00:10:00,000 --> 00:10:03,000

this time from three inches.

213

00:10:03,000 --> 00:10:05,000

Did it register?

214

00:10:05,000 --> 00:10:06,000

It did register.

215

00:10:06,000 --> 00:10:09,000

A 781 pounds peak.

216

00:10:09,000 --> 00:10:10,000

What?

217

00:10:10,000 --> 00:10:11,000

Are you serious?

218

00:10:11,000 --> 00:10:14,000

Tori down for the count, the others see if they can do any better.

219

00:10:14,000 --> 00:10:18,000

But punching prowess is notably absent.

220

00:10:19,000 --> 00:10:22,000

Boom, boom, bellachy, 785 pounds.

221

00:10:22,000 --> 00:10:26,000

Knuckles Byron, 362.

222

00:10:26,000 --> 00:10:30,000

And Iron Man, Imahara, 612.

223

00:10:30,000 --> 00:10:31,000

You know that's not a lot of power,

224

00:10:31,000 --> 00:10:33,000

but you know what, we're not trained martial artists.

225

00:10:33,000 --> 00:10:34,000

And in the movie she was,

226

00:10:34,000 --> 00:10:36,000

so why don't we find a real martial artist?

227

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

See if he does any better than we did.

228

00:10:38,000 --> 00:10:39,000

Let's go.

229

00:10:39,000 --> 00:10:40,000

All right.

230

00:10:40,000 --> 00:10:44,000

With our trio unable to punch their way out of a paper bag,

231

00:10:44,000 --> 00:10:47,000

they head off to meet a real punching pro,

232

00:10:47,000 --> 00:10:50,000

mixed martial arts maestro, John Fitch.

233

00:10:51,000 --> 00:10:55,000

How often do you get to meet an actual professional MMA fighter?

234

00:10:55,000 --> 00:10:57,000

But we get a chance to actually work with him

235

00:10:57,000 --> 00:10:59,000

and measure how much strength he has in his punch.

236

00:10:59,000 --> 00:11:01,000

I mean this is like a dream come true.

237

00:11:01,000 --> 00:11:04,000

But does Fitch the fist have what it takes

238

00:11:04,000 --> 00:11:06,000

to tackle this coffin punching myth?

239

00:11:06,000 --> 00:11:09,000

Well, here's one way to find out.

240

00:11:09,000 --> 00:11:13,000

In this corner, weighing in 170 pounds,

241

00:11:13,000 --> 00:11:16,000

John Fitch.

242

00:11:16,000 --> 00:11:21,000

In this corner, weighing in 175 pounds

243

00:11:21,000 --> 00:11:25,000

from the Mead streets of Monterey, California,

244

00:11:25,000 --> 00:11:29,000

Tori Bum-Bum-Balechi.

245

00:11:29,000 --> 00:11:31,000

Let's get it on.

246

00:11:31,000 --> 00:11:35,000

Tori's mom, in fact any members of the Balechi family,

247

00:11:35,000 --> 00:11:37,000

may want to avert their eyes.

248

00:11:39,000 --> 00:11:42,000

Get him out of there.

249

00:11:52,000 --> 00:11:53,000

He had enough.

250

00:11:53,000 --> 00:11:56,000

Yep, in less than one minute, Bum-Bum's doomed.

251

00:11:56,000 --> 00:11:57,000

That's it. Good night.

252

00:11:57,000 --> 00:12:00,000

Meaning Fitch is the fighter thereafter.

253

00:12:03,000 --> 00:12:06,000

So now it's time to crunch the numbers.

254

00:12:06,000 --> 00:12:08,000

We brought our whole measurement system

255

00:12:08,000 --> 00:12:10,000

and we're going to measure his punch force.

256

00:12:10,000 --> 00:12:13,000

I'll take his actual fighting glove

257

00:12:13,000 --> 00:12:15,000

and calibrate that with our punching bag

258

00:12:15,000 --> 00:12:17,000

and see exactly how hard he can punch.

259

00:12:17,000 --> 00:12:19,000

Ready, set, go!

260

00:12:22,000 --> 00:12:26,000

With a round arm right, John Fitch fetches a healthy result.

261

00:12:26,000 --> 00:12:30,000

Okay, so your peak punch force was 7,144 pounds.

262

00:12:30,000 --> 00:12:32,000

Holy crap.

263

00:12:32,000 --> 00:12:33,000

Not too bad.

264

00:12:33,000 --> 00:12:34,000

Not too bad?

265

00:12:34,000 --> 00:12:38,000

Well, it is five times harder than Bum-Bum's best blow.

266

00:12:40,000 --> 00:12:45,000

But the real test has to be at 3 inches while lying down.

267

00:12:45,000 --> 00:12:47,000

So this is our makeshift casket.

268

00:12:47,000 --> 00:12:50,000

You're going to lay down on your back and punch up at the sensor.

269

00:12:50,000 --> 00:12:52,000

The fist assumes the position.

270

00:12:52,000 --> 00:12:54,000

Cramped as though in a casket,

271

00:12:54,000 --> 00:12:57,000

it's this punch that's key to this myth.

272

00:12:57,000 --> 00:13:00,000

So what's the verdict?

273

00:13:00,000 --> 00:13:01,000

So check this out.

274

00:13:01,000 --> 00:13:06,000

Your force on your back at coffin height, 1,482 pounds.

275

00:13:06,000 --> 00:13:11,000

So a trained fighter can 3 inch punch with 1,500 pounds of force.

276

00:13:11,000 --> 00:13:15,000

So now the boys need to bury themselves in this myth.

277

00:13:18,000 --> 00:13:21,000

Out on the range, the mythbusters have discovered

278

00:13:21,000 --> 00:13:26,000

that a standard issue police badge can block a bullet.

279

00:13:26,000 --> 00:13:28,000

So what's next?

280

00:13:28,000 --> 00:13:32,000

Next we've got another relatively hard object that you might find in the average shirt pocket.

281

00:13:32,000 --> 00:13:37,000

The MP3 player supposedly stopped around from an AK-47.

282

00:13:37,000 --> 00:13:39,000

Looks like a little bit bigger of a target.

283

00:13:39,000 --> 00:13:41,000

You think you can hit it?

284

00:13:42,000 --> 00:13:43,000

Yeah.

285

00:13:44,000 --> 00:13:46,000

I think I can hit it old man.

286

00:13:47,000 --> 00:13:48,000

Let's go.

287

00:13:50,000 --> 00:13:57,000

So this story goes that an AK-47 slug was stopped by a soldier's MP3 player.

288

00:13:57,000 --> 00:14:00,000

But Adam for one ain't convinced.

289

00:14:01,000 --> 00:14:02,000

What's in there?

290

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

Well I'll tell you, this back metal plate is actually pretty thin.

291

00:14:05,000 --> 00:14:07,000

About a 30 second of an inch stamped metal.

292

00:14:07,000 --> 00:14:09,000

This front part is polycarbonate.

293

00:14:09,000 --> 00:14:15,000

In there is a spinning hard drive and a single board of electronics and not much else.

294

00:14:15,000 --> 00:14:17,000

Not a lot of bullet-stopping potential.

295

00:14:17,000 --> 00:14:19,000

That's my expert opinion.

296

00:14:20,000 --> 00:14:24,000

With the MP3 player ready to rock and roll, that just leaves the gun.

297

00:14:24,000 --> 00:14:28,000

A 100% genuine AK-47.

298

00:14:28,000 --> 00:14:31,000

I kind of have a penchant for firing it.

299

00:14:31,000 --> 00:14:32,000

Do you mind?

300

00:14:33,000 --> 00:14:34,000

No.

301

00:14:34,000 --> 00:14:39,000

So while Jamie tackles the tunes, Adam feels okay with the AK.

302

00:14:39,000 --> 00:14:40,000

Here we go.

303

00:14:40,000 --> 00:14:43,000

The AK-47 into an MP3 player.

304

00:14:45,000 --> 00:14:47,000

Okay, it's a smash hit.

305

00:14:47,000 --> 00:14:49,000

But there's a problem.

306

00:14:50,000 --> 00:14:52,000

Well that's one way to get the battery out.

307

00:14:53,000 --> 00:14:56,000

Our sharpshooter wasn't so sharp.

308

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

From just 10 feet away, he barely hit it.

309

00:14:59,000 --> 00:15:02,000

For a reliable result, they're going to have to reload.

310

00:15:02,000 --> 00:15:04,000

Yeah, I think we need to take another shot.

311

00:15:04,000 --> 00:15:06,000

Yeah, I think I do.

312

00:15:06,000 --> 00:15:08,000

Or maybe I get to take another shot.

313

00:15:08,000 --> 00:15:11,000

No, no, no. I get to make this work.

314

00:15:12,000 --> 00:15:18,000

So Adam determined to get at least one round on the charts, sets up for a repeat run.

315

00:15:19,000 --> 00:15:22,000

This time, the MP3's down.

316

00:15:22,000 --> 00:15:24,000

But did the bullet go through?

317

00:15:24,000 --> 00:15:25,000

Oh.

318

00:15:27,000 --> 00:15:30,000

Oh, wait. I can see you.

319

00:15:30,000 --> 00:15:32,000

All the way through that.

320

00:15:33,000 --> 00:15:38,000

Yep, just like this MP3 player, this myth is full of holes.

321

00:15:38,000 --> 00:15:41,000

Like any good myth, this one has a grain of truth in it.

322

00:15:41,000 --> 00:15:47,000

And our researchers did in fact turn up evidence that a soldier was hit by an AK-47 round.

323

00:15:47,000 --> 00:15:50,000

It went through his MP3 player and he survived.

324

00:15:50,000 --> 00:15:54,000

But here's the catch. He was also wearing body armor.

325

00:15:54,000 --> 00:15:59,000

Now, body armor, MP3 player, what do you think stopped the round?

326

00:15:59,000 --> 00:16:01,000

My money has it on body armor.

327

00:16:02,000 --> 00:16:07,000

And after all that sharpshooting, time to tackle an even tastier tale.

328

00:16:07,000 --> 00:16:13,000

Supposedly, Pizza Delivery Boy finds himself being fired upon by a shotgun,

329

00:16:14,000 --> 00:16:18,000

holds his back of pizzas in front of him, and it saves his life.

330

00:16:18,000 --> 00:16:20,000

Okay, well, let's lock him low.

331

00:16:20,000 --> 00:16:23,000

How's this for Pizza Pizzazz?

332

00:16:23,000 --> 00:16:29,000

The story goes that a delivery boy peppered by shotgun pellets was saved by three pizzas.

333

00:16:29,000 --> 00:16:33,000

Well, not just his pizzas. Don't forget about the warmer pack.

334

00:16:34,000 --> 00:16:40,000

We've got your standard pizza delivery insulating bag here with some heavy synthetic fabric,

335

00:16:40,000 --> 00:16:46,000

webbing, some stuffing for insulation inside, satiny kind of synthetic.

336

00:16:46,000 --> 00:16:50,000

Three cardboard boxes full of three pizzas at six layers of cardboard.

337

00:16:50,000 --> 00:16:53,000

It's a lot of stuff to get through, but something tells me...

338

00:16:53,000 --> 00:16:58,000

little bird just tells me that it's not going to give that shotgun blast much resistance.

339

00:16:58,000 --> 00:17:01,000

But that all depends on the shotgun rounds you choose,

340

00:17:01,000 --> 00:17:04,000

something that's mysteriously missing from the myth.

341

00:17:04,000 --> 00:17:09,000

My guess is that he would have been shot with bird shot, and that's what's in here.

342

00:17:09,000 --> 00:17:11,000

It's a really fine shot.

343

00:17:11,000 --> 00:17:16,000

Little tiny BBs, and these aren't going to have a whole lot of penetrating power,

344

00:17:16,000 --> 00:17:20,000

so I wouldn't be surprised if Pizza will stop them sooner or later.

345

00:17:20,000 --> 00:17:24,000

And of course, pumping pellets into pizza is not exactly normal practice.

346

00:17:24,000 --> 00:17:28,000

Here's what I want you to think about when you're shooting that pizza, right?

347

00:17:28,000 --> 00:17:31,000

I want in your brain to think that you're angry at that pizza,

348

00:17:31,000 --> 00:17:37,000

and I'll tell you why, because there's pepperoni on there, and you're a vegan.

349

00:17:37,000 --> 00:17:41,000

I know you're not a vegan, you're going to have to get into a vegan mindset.

350

00:17:41,000 --> 00:17:43,000

You're violently vegan.

351

00:17:43,000 --> 00:17:47,000

So, revved up by Adam's pepperoni talk...

352

00:17:47,000 --> 00:17:51,000

Bird shot into three pizzas. Three, two, one.

353

00:17:53,000 --> 00:17:56,000

Jamie bangs off the bird shot from ten feet.

354

00:17:56,000 --> 00:18:02,000

Dude, not a lot made it through that pizza box.

355

00:18:02,000 --> 00:18:06,000

In fact, only about a half dozen BBs made it all the way through.

356

00:18:06,000 --> 00:18:09,000

I see, this is number one, this is number two.

357

00:18:09,000 --> 00:18:11,000

Both of them, stuff is going through.

358

00:18:11,000 --> 00:18:14,000

Number three, it's more like a lot of pizza meat.

359

00:18:14,000 --> 00:18:15,000

With lead in it.

360

00:18:15,000 --> 00:18:18,000

I don't think we can call it definitively lethal.

361

00:18:18,000 --> 00:18:21,000

Dangerous, yes, but I don't think we can call that a lethal hit.

362

00:18:21,000 --> 00:18:27,000

It seems like this actually did something useful against bird shot.

363

00:18:27,000 --> 00:18:29,000

I would say so.

364

00:18:29,000 --> 00:18:31,000

Another reason to love pepperoni pizza!

365

00:18:31,000 --> 00:18:34,000

And that's probably what the pizza guy felt too.

366

00:18:34,000 --> 00:18:38,000

But what about if a badass shot buckshot, not bird shot?

367

00:18:38,000 --> 00:18:43,000

These are effectively like plain old bullets, and they'll penetrate quite well.

368

00:18:43,000 --> 00:18:48,000

Buckshot in three, two, one.

369

00:18:51,000 --> 00:18:54,000

So, how did the buckshot stack up?

370

00:18:54,000 --> 00:18:57,000

One, two, three, four, five, six, seven, eight.

371

00:18:57,000 --> 00:19:01,000

They almost all of them, if not all of them, made it through.

372

00:19:01,000 --> 00:19:02,000

Yeah.

373

00:19:02,000 --> 00:19:10,000

With the buckshot penetrating with ease, the mythbusters can't help but take this one to the extreme.

374

00:19:10,000 --> 00:19:14,000

Both Jamie and I are now compelled to answer the following burning question,

375

00:19:14,000 --> 00:19:21,000

which is, how many pizzas does it take to attain something that is totally resistant to buckshot?

376

00:19:21,000 --> 00:19:23,000

And that's what we're about to answer.

377

00:19:24,000 --> 00:19:32,000

Call it random, but they pit 15 pizzas in five warmer packs against a nine-pellet buckshot blast.

378

00:19:32,000 --> 00:19:35,000

And Jamie's getting a real taste for it.

379

00:19:35,000 --> 00:19:36,000

One.

380

00:19:39,000 --> 00:19:42,000

They unleash pure buckshot power.

381

00:19:42,000 --> 00:19:44,000

But did it make it through?

382

00:19:44,000 --> 00:19:45,000

Box number one.

383

00:19:45,000 --> 00:19:47,000

And what do you know?

384

00:19:47,000 --> 00:19:51,000

The buckshot cleared the crusts clean through to box number five.

385

00:19:52,000 --> 00:19:55,000

It didn't make it through the back.

386

00:19:55,000 --> 00:19:57,000

Wait, we got to open this up.

387

00:19:57,000 --> 00:19:58,000

Pizza number 14.

388

00:19:58,000 --> 00:20:00,000

Oh, it stopped.

389

00:20:00,000 --> 00:20:01,000

14 pizzas.

390

00:20:01,000 --> 00:20:03,000

So it kind of worked.

391

00:20:03,000 --> 00:20:06,000

The buckshot stopped at pizza number 14.

392

00:20:06,000 --> 00:20:09,000

But would it sell as a bulletproof vest?

393

00:20:11,000 --> 00:20:13,000

Oh, check out my new bulletproof vest, man.

394

00:20:13,000 --> 00:20:15,000

Oh, you cannot mess with me.

395

00:20:21,000 --> 00:20:26,000

An animated Kari, Tori and Grant are putting Kill Bill to the test.

396

00:20:26,000 --> 00:20:30,000

They're trying to find out if you can cuff your way out of a coffin.

397

00:20:30,000 --> 00:20:34,000

And with punch data gathered from martial arts expert John Fitch,

398

00:20:34,000 --> 00:20:36,000

next, the team needs a casket.

399

00:20:36,000 --> 00:20:38,000

And that's where Kari comes in.

400

00:20:40,000 --> 00:20:43,000

I'm going to make it as realistic as possible, so I'm going to use all the same materials.

401

00:20:43,000 --> 00:20:44,000

I'm going to make it all the same size.

402

00:20:44,000 --> 00:20:47,000

And then we can see for ourselves if we can punch through a real casket.

403

00:20:47,000 --> 00:20:52,000

It's three-quarter inch pine made to funeral and movie specifications

404

00:20:52,000 --> 00:20:55,000

and comes with a see-through side for testing purposes.

405

00:20:55,000 --> 00:20:57,000

Then there's the grave site.

406

00:20:57,000 --> 00:20:59,000

That's Tori's contribution.

407

00:20:59,000 --> 00:21:01,000

So I've come up with the design to test this safely.

408

00:21:01,000 --> 00:21:05,000

What I'm going to do is build a box that will hold the six feet of dirt.

409

00:21:05,000 --> 00:21:10,000

And then what I'm going to do is raise that up off the ground four feet with steel legs.

410

00:21:10,000 --> 00:21:14,000

And then what I'm going to do is put the casket underneath that box.

411

00:21:14,000 --> 00:21:16,000

Once I have the casket in, we have the dirt in place,

412

00:21:16,000 --> 00:21:20,000

and we can start testing whether or not it's possible to break through the casket

413

00:21:20,000 --> 00:21:22,000

and dig through six feet of dirt.

414

00:21:23,000 --> 00:21:27,000

More on that later, because right now it's on to the punch itself.

415

00:21:27,000 --> 00:21:31,000

With John Fitch unavailable, that's down to Grant.

416

00:21:31,000 --> 00:21:34,000

And no prizes for guessing his design.

417

00:21:34,000 --> 00:21:36,000

That's right. I'm going to build a robot.

418

00:21:36,000 --> 00:21:40,000

Using the robot will match it to John Fitch's punching strength

419

00:21:40,000 --> 00:21:43,000

and then try and punch for the coffin later.

420

00:21:43,000 --> 00:21:48,000

And thanks to the wonder of editing, it's a case of no sooner said than done.

421

00:21:48,000 --> 00:21:53,000

Voila, a robotic punching machine that can give the coffin a fearful coffin.

422

00:21:53,000 --> 00:21:57,000

I call it the RoboFist. Here's how it works.

423

00:21:57,000 --> 00:22:02,000

First, air comes into the regulator, gets regulated to whatever pressure I want,

424

00:22:02,000 --> 00:22:09,000

gets stored in air tank. Air tank goes to a high flow valve that lets air go really fast.

425

00:22:09,000 --> 00:22:13,000

That gets split into two tubes that go down to the bottom of the piston.

426

00:22:13,000 --> 00:22:18,000

Now, when those fire, these two valves allow air to come up very quickly and goes,

427

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

very fast. Three, two, one.

428

00:22:25,000 --> 00:22:27,000

I think it's working!

429

00:22:27,000 --> 00:22:31,000

And that means RoboFist is ready for a test.

430

00:22:31,000 --> 00:22:36,000

And I'm just going to dial up the pressure until the robot can punch as hard as John Fitch.

431

00:22:36,000 --> 00:22:43,000

Remember, even with a tiny three inch punch, John Fitch managed a whopping 1,400 pound wallop.

432

00:22:43,000 --> 00:22:46,000

Grant's going to have to match that exactly.

433

00:22:46,000 --> 00:22:51,000

Grant gets things rolling just short of 200 psi.

434

00:22:51,000 --> 00:22:56,000

Here we go. Three, two, one.

435

00:22:56,000 --> 00:22:58,000

And what do you know?

436

00:22:58,000 --> 00:23:01,000

You're beauty!

437

00:23:01,000 --> 00:23:06,000

So, at 185 psi, the robot is punching at 1,430 pounds,

438

00:23:06,000 --> 00:23:09,000

which is exactly the range that John Fitch can punch.

439

00:23:09,000 --> 00:23:12,000

And it's punching at the right speed.

440

00:23:12,000 --> 00:23:17,000

So now, it's time to bring in a casket and see how the robot does against that.

441

00:23:21,000 --> 00:23:25,000

Next up in the Bullet Bonanza, Body Parts.

442

00:23:25,000 --> 00:23:26,000

What's up next?

443

00:23:26,000 --> 00:23:29,000

Well, people come in all shapes and sizes.

444

00:23:29,000 --> 00:23:31,000

And the fans' next question to us is,

445

00:23:31,000 --> 00:23:35,000

is there a shape or size that could render someone bulletproof?

446

00:23:35,000 --> 00:23:39,000

I.e., could someone provide enough baddie tissue or muscle tissue

447

00:23:39,000 --> 00:23:42,000

to where a bullet wouldn't get to their vital organs?

448

00:23:42,000 --> 00:23:44,000

I don't know why, but that's kind of twisted.

449

00:23:44,000 --> 00:23:46,000

Which means you like it?

450

00:23:46,000 --> 00:23:47,000

Yeah.

451

00:23:47,000 --> 00:23:49,000

Alright, back to the range.

452

00:23:51,000 --> 00:23:54,000

People come in all sorts of shapes and sizes,

453

00:23:54,000 --> 00:23:58,000

but can you ever be so big, be it muscly or obese,

454

00:23:58,000 --> 00:24:00,000

that you can be bulletproof?

455

00:24:02,000 --> 00:24:06,000

Well, back at the range, knowing Jamie's fondness for lard,

456

00:24:06,000 --> 00:24:08,000

the boys are starting with fat.

457

00:24:08,000 --> 00:24:11,000

That is what is in your gut.

458

00:24:11,000 --> 00:24:14,000

Actually, Adam, it's what's in a cow's gut.

459

00:24:14,000 --> 00:24:16,000

Pure bovine blubber.

460

00:24:16,000 --> 00:24:17,000

Oh, yeah.

461

00:24:17,000 --> 00:24:19,000

To be at the correct consistency,

462

00:24:19,000 --> 00:24:23,000

the fat needs to be at human body temperature of 98 degrees.

463

00:24:23,000 --> 00:24:27,000

So, first up, it gets a nice warm bath.

464

00:24:27,000 --> 00:24:29,000

That is wrong.

465

00:24:29,000 --> 00:24:31,000

Wrong is right.

466

00:24:31,000 --> 00:24:34,000

But will this gruesome glup stop a bullet?

467

00:24:34,000 --> 00:24:37,000

Well, for Adam, the answer is fat chance.

468

00:24:37,000 --> 00:24:39,000

Yeah, I know what you're saying to yourself.

469

00:24:39,000 --> 00:24:42,000

I mean, after the, oh, gross part,

470

00:24:42,000 --> 00:24:44,000

you're saying this is stupid.

471

00:24:44,000 --> 00:24:46,000

Why would fat stop a bullet?

472

00:24:46,000 --> 00:24:48,000

Well, it's part of the tissue that make up your body,

473

00:24:48,000 --> 00:24:50,000

and bullets aren't made to go through your body.

474

00:24:50,000 --> 00:24:54,000

They're made to expend as much of their energy in your body as possible.

475

00:24:54,000 --> 00:24:57,000

That's how they do their work, which unfortunately is killing.

476

00:24:57,000 --> 00:25:02,000

Thus, fat ought to do a pretty good job at stopping a bullet after a while.

477

00:25:02,000 --> 00:25:06,000

But how much fat might they need to stop a bullet?

478

00:25:06,000 --> 00:25:12,000

The record for the greatest gut ever was awarded to Walter Hudson,

479

00:25:12,000 --> 00:25:16,000

who had a ginormous girth of nearly 10 feet.

480

00:25:16,000 --> 00:25:21,000

That equates to a layer of 16 inches of fat right around his belly.

481

00:25:21,000 --> 00:25:24,000

So, that's the number to beat.

482

00:25:24,000 --> 00:25:27,000

You ready to pack some fat?

483

00:25:27,000 --> 00:25:29,000

I don't like the sound of that.

484

00:25:29,000 --> 00:25:32,000

With no time to chew the fat,

485

00:25:32,000 --> 00:25:36,000

the boys load the 16 inches of lard into the dummy's tummy

486

00:25:36,000 --> 00:25:38,000

to replicate Walter's waistline.

487

00:25:38,000 --> 00:25:43,000

Now, you're going to need all the fat for this recipe, so don't lick the mixing spoon.

488

00:25:43,000 --> 00:25:46,000

The acrylic tube of fat represents belly.

489

00:25:46,000 --> 00:25:49,000

The tube of ballistics gel represents vital organs.

490

00:25:49,000 --> 00:25:51,000

For fat to be an effective bullet stopper,

491

00:25:51,000 --> 00:25:54,000

it's going to have to be stopped before it makes it through all of this fat

492

00:25:54,000 --> 00:25:57,000

into the ballistics gel and the torso here.

493

00:25:57,000 --> 00:25:59,000

Is it going to actually do that?

494

00:25:59,000 --> 00:26:02,000

My guess is it might actually make it through.

495

00:26:02,000 --> 00:26:05,000

To ensure they hit the fat frankfurter head-on,

496

00:26:05,000 --> 00:26:07,000

they set up a remote firing mechanism,

497

00:26:07,000 --> 00:26:09,000

laser-aided for accuracy.

498

00:26:09,000 --> 00:26:16,000

And they're starting slow by using a 45 handgun that fires at just 900 feet a second.

499

00:26:16,000 --> 00:26:20,000

Which means, if this makes it all the way through our fat and vital organs,

500

00:26:20,000 --> 00:26:23,000

every other kind of round we could fire wood as well.

501

00:26:23,000 --> 00:26:28,000

In other words, if the world record amount of fat can't foil the slowest slug,

502

00:26:28,000 --> 00:26:30,000

it's Mayday for the myth.

503

00:26:30,000 --> 00:26:32,000

Eyes and ears, clear to fire.

504

00:26:32,000 --> 00:26:37,000

Firing in three, two, one.

505

00:26:39,000 --> 00:26:42,000

Well, nice clean center hit.

506

00:26:42,000 --> 00:26:45,000

Ah! It made it all the way through.

507

00:26:45,000 --> 00:26:49,000

So not only did the fat not stop it, the internal organs didn't either.

508

00:26:49,000 --> 00:26:52,000

It went right out his back and kept them going.

509

00:26:52,000 --> 00:26:54,000

So there you have it.

510

00:26:54,000 --> 00:27:00,000

The idea that an obese human is carrying a homegrown bullet-proof vest is blown away.

511

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

So the question, will fat stop a bullet?

512

00:27:03,000 --> 00:27:07,000

Sure, eventually, but not in anything human.

513

00:27:07,000 --> 00:27:11,000

So Adam and Jamie move on to a more meaty medium.

514

00:27:11,000 --> 00:27:15,000

Our stuck double for muscle today is going to be what's called knuckle meat,

515

00:27:15,000 --> 00:27:19,000

or top round, and it comes from the rump of a cow.

516

00:27:19,000 --> 00:27:22,000

And how much rump is on the table?

517

00:27:22,000 --> 00:27:27,000

We found a guy with pectorals that were three inches thick

518

00:27:27,000 --> 00:27:30,000

and biceps that were 11 inches thick.

519

00:27:30,000 --> 00:27:33,000

And then we posited, what if you were shooting at him?

520

00:27:33,000 --> 00:27:37,000

What if he then took that massive bicep, put it in front of that massive pectoral,

521

00:27:37,000 --> 00:27:40,000

and became super humanly bulletproof?

522

00:27:42,000 --> 00:27:48,000

It's true that bodybuilders with all that rippling muscle sure look tough.

523

00:27:48,000 --> 00:27:51,000

But are they tough enough to stop a bullet?

524

00:27:51,000 --> 00:27:54,000

Firing into muscle with a 45 caliber.

525

00:27:54,000 --> 00:27:57,000

And three, two, one.

526

00:27:58,000 --> 00:28:00,000

The bullet made a neat entry hole.

527

00:28:00,000 --> 00:28:02,000

But did the muscle man make it?

528

00:28:02,000 --> 00:28:04,000

Dude, check it out when I move it.

529

00:28:05,000 --> 00:28:07,000

Yeah, I can see it clear as day.

530

00:28:07,000 --> 00:28:08,000

That's an exit hole.

531

00:28:08,000 --> 00:28:10,000

That it is.

532

00:28:11,000 --> 00:28:14,000

Yep, sure enough, it too is busted.

533

00:28:14,000 --> 00:28:16,000

So muscle didn't even do it.

534

00:28:16,000 --> 00:28:18,000

Muscle, nor fat.

535

00:28:18,000 --> 00:28:21,000

No part of your body is going to make you bulletproof or super human.

536

00:28:21,000 --> 00:28:23,000

You're going to have to give that plan up.

537

00:28:23,000 --> 00:28:26,000

So I can't stand there and go, I'll deflect the bullet.

538

00:28:26,000 --> 00:28:28,000

No, let's go home.

539

00:28:33,000 --> 00:28:39,000

Back at M7, Cary Grant and Tory have built a robot to punch with the power of martial arts expert,

John Fitch.

540

00:28:39,000 --> 00:28:42,000

Now it's time to test the kill bill myth.

541

00:28:42,000 --> 00:28:46,000

Can you really punch your way out of a pine box?

542

00:28:46,000 --> 00:28:52,000

Well first, Cary finds out that in confined space, nobody can hear you scream.

543

00:28:54,000 --> 00:28:56,000

How you doing in there?

544

00:28:56,000 --> 00:28:57,000

I'm good.

545

00:28:57,000 --> 00:28:59,000

I'm good.

546

00:29:00,000 --> 00:29:02,000

How you doing in there?

547

00:29:02,000 --> 00:29:03,000

It's not funny, Cary.

548

00:29:03,000 --> 00:29:05,000

Can you breathe?

549

00:29:06,000 --> 00:29:08,000

Real funny joke.

550

00:29:09,000 --> 00:29:11,000

The team lays the RoboFist arrest.

551

00:29:11,000 --> 00:29:13,000

They do it in Hollywood, Cary.

552

00:29:13,000 --> 00:29:15,000

Ah, that's got to hurt.

553

00:29:15,000 --> 00:29:20,000

Nails down the lid and they're ready for a dirt-free preliminary test.

554

00:29:20,000 --> 00:29:25,000

Now sharp-eyed viewers may note that there's no dirt on top of our casket.

555

00:29:25,000 --> 00:29:32,000

But right now, we're just trying to isolate the casket and see whether in theory it's possible to punch your way through.

556

00:29:32,000 --> 00:29:38,000

Meanwhile, Cary's worked out the correct punch-to-air ratio if you get buried alive.

557

00:29:38,000 --> 00:29:43,000

After about 45 minutes, you're going to lose air inside your casket and you're going to pass out.

558

00:29:43,000 --> 00:29:46,000

Now John Fitch says that he can punch about 20 times per minute.

559

00:29:46,000 --> 00:29:50,000

So we figure out the parameters for our mischief to be set at about half an hour or 600 punches.

560

00:29:50,000 --> 00:29:53,000

If you can't get out after 600 punches,

561

00:29:53,000 --> 00:29:55,000

well, you might not be getting out.

562

00:29:55,000 --> 00:29:57,000

Okay, you guys ready?

563

00:29:57,000 --> 00:29:58,000

Yeah, let's break him out.

564

00:29:58,000 --> 00:30:00,000

So RoboFist comes out swinging.

565

00:30:00,000 --> 00:30:02,000

Yeah!

566

00:30:02,000 --> 00:30:03,000

Wow!

567

00:30:03,000 --> 00:30:06,000

And almost immediately, cracks start to appear.

568

00:30:06,000 --> 00:30:08,000

He's alive!

569

00:30:09,000 --> 00:30:11,000

Yep, the lid is split.

570

00:30:11,000 --> 00:30:13,000

Punch through!

571

00:30:13,000 --> 00:30:18,000

But progress is, should we say, not exactly progressing.

572

00:30:18,000 --> 00:30:20,000

That crack looks like it's wider.

573

00:30:20,000 --> 00:30:21,000

Kinda.

574

00:30:21,000 --> 00:30:26,000

300 punches on, and Tori, for one, is losing focus.

575

00:30:26,000 --> 00:30:28,000

Tails.

576

00:30:28,000 --> 00:30:35,000

But after 30 minutes, the coffin puncher would be on his last legs, so to speak, with very little air left.

577

00:30:35,000 --> 00:30:39,000

So Cary rings the bell on the final round.

578

00:30:39,000 --> 00:30:43,000

600 punches and it still didn't punch its way out.

579

00:30:43,000 --> 00:30:46,000

Yep, the casket cracked all right.

580

00:30:46,000 --> 00:30:51,000

But even without dirt on top, RoboFist couldn't break through.

581

00:30:51,000 --> 00:30:52,000

The robot worked great.

582

00:30:52,000 --> 00:30:55,000

However, we were not able to punch through the casket.

583

00:30:55,000 --> 00:30:59,000

And that is 600 punches at full strength the whole time.

584

00:30:59,000 --> 00:31:02,000

I mean, a person probably would get tired if they were in there.

585

00:31:02,000 --> 00:31:04,000

They would be running out of oxygen.

586

00:31:04,000 --> 00:31:06,000

The robot didn't have any of those limitations,

587

00:31:06,000 --> 00:31:10,000

and it still wasn't able to break through the casket top.

588

00:31:10,000 --> 00:31:15,000

But all is not lost because for test two, the guys are going to get down and dirty.

589

00:31:15,000 --> 00:31:18,000

They're going to bury the casket six feet under,

590

00:31:18,000 --> 00:31:22,000

and that might just give them the cracking thereafter.

591

00:31:22,000 --> 00:31:28,000

Their coffin is eight feet long, three feet wide, and will be buried six feet deep.

592

00:31:28,000 --> 00:31:32,000

That means it's covered with over 12,000 pounds of dirt.

593

00:31:32,000 --> 00:31:35,000

This extra pressure may do nothing at all,

594

00:31:35,000 --> 00:31:40,000

but it could create such a serious strain on the lid that it's actually easier to break through.

595

00:31:40,000 --> 00:31:48,000

So bring on Tori's masterpiece, a mobile graveyard with a box on top to house six feet of dirt,

596

00:31:48,000 --> 00:31:51,000

and the casket fits snug underneath.

597

00:31:51,000 --> 00:31:58,000

Tori's rig right there with a coffin six feet under with a pallet of four by eight dirt

598

00:31:58,000 --> 00:32:03,000

will give you between 12 and 16,000 pounds approximately,

599

00:32:03,000 --> 00:32:07,000

all resting on a lid made of three-quarter inch pine.

600

00:32:07,000 --> 00:32:09,000

And your prediction, Carrie?

601

00:32:09,000 --> 00:32:11,000

I think you might be able to punch your way out.

602

00:32:11,000 --> 00:32:13,000

I just think you're going to die once it happens.

603

00:32:13,000 --> 00:32:17,000

And on that cheery thought, Grant gets things cracking.

604

00:32:17,000 --> 00:32:20,000

Here we go. Three, two, one.

605

00:32:22,000 --> 00:32:25,000

It's already starting to crack the lid.

606

00:32:26,000 --> 00:32:30,000

Every time you push this up, dirt falls into the crack.

607

00:32:31,000 --> 00:32:36,000

Remember, in Hillbill, not only did the bride bust out of the buried casket,

608

00:32:36,000 --> 00:32:40,000

but she then had to dig out of a six-foot deep grave.

609

00:32:40,000 --> 00:32:45,000

Just like last time, RoboFist immediately starts lifting the lid.

610

00:32:45,000 --> 00:32:48,000

But will it be able to punch a hole clean through?

611

00:32:48,000 --> 00:32:50,000

That's 150 punches.

612

00:32:50,000 --> 00:32:52,000

He still hasn't broken through.

613

00:32:52,000 --> 00:32:54,000

I mean, you wouldn't be able to punch that many times.

614

00:32:54,000 --> 00:32:57,000

You would have run out of oxygen way before this.

615

00:32:57,000 --> 00:33:00,000

And your wrist would have broken, your knuckles would have been bloody.

616

00:33:00,000 --> 00:33:07,000

But also, just like last time, the initial splits do not turn into escapable cracks,

617

00:33:07,000 --> 00:33:09,000

even after 600 punches.

618

00:33:09,000 --> 00:33:13,000

Well, the coffin lid cracked a little bit, but it didn't cave in.

619

00:33:13,000 --> 00:33:15,000

I know, this is not looking good for this myth.

620

00:33:15,000 --> 00:33:16,000

It's looking busted.

621

00:33:16,000 --> 00:33:19,000

It's not looking good for the myth or the mythbusters,

622

00:33:19,000 --> 00:33:24,000

since all this graveyard testing has brought about an unexpected result.

623

00:33:24,000 --> 00:33:28,000

Living dead. Looks like somebody forgot to come over and kill him.

624

00:33:36,000 --> 00:33:39,000

The mythbusters have come out all guns blazing.

625

00:33:39,000 --> 00:33:42,000

They've been testing what is bulletproof.

626

00:33:42,000 --> 00:33:44,000

And that's got Jamie thinking.

627

00:33:44,000 --> 00:33:47,000

You know, I was thinking, uh-oh.

628

00:33:47,000 --> 00:33:48,000

Yeah.

629

00:33:48,000 --> 00:33:52,000

I was thinking that we've got so much stuff laying around this shop

630

00:33:52,000 --> 00:33:55,000

that we could roust something up that is not terribly exotic

631

00:33:55,000 --> 00:33:58,000

that we could make bulletproof armor out of.

632

00:33:58,000 --> 00:34:01,000

Homegrown bulletproof? I love that.

633

00:34:01,000 --> 00:34:03,000

You've already got some ideas, I'll bet.

634

00:34:03,000 --> 00:34:04,000

Oh, yeah.

635

00:34:04,000 --> 00:34:07,000

I reckon I could come up with something. Let's do it.

636

00:34:07,000 --> 00:34:11,000

So with their myths checked off, Jamie's issued a challenge.

637

00:34:11,000 --> 00:34:16,000

Can the mythbusters build a slug stopper out of everyday materials?

638

00:34:16,000 --> 00:34:21,000

Well, first up is Adam, and he reaches straight for, uh, custard?

639

00:34:21,000 --> 00:34:27,000

This is just cornstarch in water, and it's known in science circles as a non-Newtonian fluid.

640

00:34:27,000 --> 00:34:34,000

And I'm thinking it's property of acting sometimes like a solid and sometimes like a liquid.

641

00:34:34,000 --> 00:34:37,000

As illustrated to perfection in the Ninja Special,

642

00:34:37,000 --> 00:34:42,000

when Adam's son jumped on the cornstarch, it immediately hardened,

643

00:34:42,000 --> 00:34:44,000

so it supported his weight.

644

00:34:44,000 --> 00:34:47,000

When he stood still, he sank like a stone.

645

00:34:47,000 --> 00:34:51,000

But will it be strong enough and act fast enough to stop a bullet?

646

00:34:51,000 --> 00:34:57,000

Meanwhile, in the other corner, Jamie's foregone custard and focused on soda.

647

00:34:57,000 --> 00:34:59,000

Well, the can at least.

648

00:34:59,000 --> 00:35:06,000

What I'm noticing as I crush this can is that it's getting progressively more resistant to me crushing it.

649

00:35:06,000 --> 00:35:10,000

So by crushing it to the max, will it roadblock around?

650

00:35:10,000 --> 00:35:15,000

I don't really think it's gonna stop a bullet by itself, but what if I have a whole bunch of them?

651

00:35:15,000 --> 00:35:20,000

So while Jamie compacts cans, Adam's ready to test his cornflour mix.

652

00:35:20,000 --> 00:35:25,000

Homegrown bulletproof one layer in three, two, one.

653

00:35:27,000 --> 00:35:29,000

Can the custard cut the mustard?

654

00:35:29,000 --> 00:35:34,000

Oh, I definitely went through the aluminum one layer.

655

00:35:34,000 --> 00:35:37,000

Clearly not enough.

656

00:35:37,000 --> 00:35:40,000

Having beaten his aluminum cans into submission,

657

00:35:40,000 --> 00:35:47,000

Jamie adds a dash of homebrew glue to the mix, known domestically as FGR95 Cement.

658

00:35:47,000 --> 00:35:49,000

Okay, that's one down.

659

00:35:49,000 --> 00:35:54,000

That's FGR95 and propylene fiber with aluminum cubes.

660

00:35:54,000 --> 00:35:57,000

Adam amps up his testing.

661

00:35:57,000 --> 00:36:00,000

It's now a two custard cluster to fire at.

662

00:36:00,000 --> 00:36:02,000

In three, two, one.

663

00:36:04,000 --> 00:36:07,000

Two layers still doesn't look like enough.

664

00:36:08,000 --> 00:36:12,000

Meanwhile, Jamie's ready to point the Glock at the soda can block.

665

00:36:12,000 --> 00:36:16,000

Firing in three, two, one.

666

00:36:19,000 --> 00:36:20,000

Does that look like...

667

00:36:20,000 --> 00:36:21,000

That's the...

668

00:36:21,000 --> 00:36:22,000

Did you catch it?

669

00:36:22,000 --> 00:36:25,000

I caught the bullet right in the face of it.

670

00:36:26,000 --> 00:36:28,000

There it is.

671

00:36:28,000 --> 00:36:34,000

So Jamie's first prototypes left him feeling pumped, while Adam's feeling pressure.

672

00:36:34,000 --> 00:36:39,000

In desperation, he maxes his mix up to six layers of custard.

673

00:36:39,000 --> 00:36:40,000

Six layers!

674

00:36:40,000 --> 00:36:42,000

Don't drop.

675

00:36:43,000 --> 00:36:45,000

Three, two, one.

676

00:36:50,000 --> 00:36:51,000

Nothing.

677

00:36:52,000 --> 00:36:54,000

Looks like the same size bullet hole.

678

00:36:54,000 --> 00:36:57,000

So cornstarch as a bulletproof material.

679

00:36:57,000 --> 00:37:01,000

Dud, dud, dud.

680

00:37:01,000 --> 00:37:02,000

Three.

681

00:37:02,000 --> 00:37:09,000

Meanwhile, Jamie's testing has now shown that cement with fiber and cans is okay at stopping a nine

millimeter.

682

00:37:09,000 --> 00:37:12,000

It collapsed the aluminum, but it did not make it through.

683

00:37:12,000 --> 00:37:18,000

But he wants more, and a sudden restroom renovation revelation delivers the solution.

684

00:37:18,000 --> 00:37:24,000

Even though I'm kind of attached to my recycled aluminum cans, I'm going to try these tiles.

685

00:37:24,000 --> 00:37:25,000

They're hard.

686

00:37:25,000 --> 00:37:30,000

I think they might break up a bullet and they come ready to go in these nifty little sheets just like armor plates.

687

00:37:30,000 --> 00:37:32,000

They test it out and...

688

00:37:32,000 --> 00:37:34,000

Three, two.

689

00:37:34,000 --> 00:37:35,000

How do you know?

690

00:37:35,000 --> 00:37:37,000

The bullet bounces straight off.

691

00:37:40,000 --> 00:37:44,000

Jamie, it didn't make it through the felt.

692

00:37:44,000 --> 00:37:46,000

I wondered.

693

00:37:46,000 --> 00:37:47,000

Yeah.

694

00:37:47,000 --> 00:37:48,000

So that worked.

695

00:37:48,000 --> 00:37:49,000

It did.

696

00:37:49,000 --> 00:37:52,000

Rather predictably, it's Jamie who wins this challenge.

697

00:37:52,000 --> 00:37:58,000

But how will his bunch of blocks fare when they get put to the ultimate test?

698

00:37:58,000 --> 00:38:00,000

Let's get out to the shooting range.

699

00:38:05,000 --> 00:38:06,000

Three, two, one.

700

00:38:06,000 --> 00:38:10,000

Tory, Grant and Carrie have found that trying to clout your way out of a casket,

701

00:38:10,000 --> 00:38:14,000

kill Bill's style, ain't all it's cracked up to be.

702

00:38:14,000 --> 00:38:20,000

But as a potential final nail in this myth's coffin, there's one last part to test.

703

00:38:20,000 --> 00:38:23,000

Now we busted the part of the myth where you could punch through a casket.

704

00:38:23,000 --> 00:38:27,000

But now what we're going to do is we're going to test the part of the myth that if you did bust through the casket,

705

00:38:27,000 --> 00:38:29,000

you could dig through six feet of dirt.

706

00:38:29,000 --> 00:38:34,000

So what I need to do is I need to reconfigure this rig here so that we can get inside of it

707

00:38:34,000 --> 00:38:37,000

and safely try to dig our way out.

708

00:38:37,000 --> 00:38:43,000

Now if the movie heroine was superhuman or the coffin lid riddled with woodworm,

709

00:38:43,000 --> 00:38:45,000

maybe she could have punched through.

710

00:38:45,000 --> 00:38:48,000

And if so, could she then have escaped?

711

00:38:48,000 --> 00:38:55,000

To find out, Tory replaces the casket lid with a sliding hatch to hold back the dirt above.

712

00:38:55,000 --> 00:38:57,000

Yes, this is the trap door.

713

00:38:57,000 --> 00:39:01,000

Let's go to open like that and then we'll start digging our way out.

714

00:39:01,000 --> 00:39:08,000

He's also built an acrylic casket with a specially designed escape hatch that's all ready for a trial run.

715

00:39:08,000 --> 00:39:13,000

So the new casket's in place and what I'm going to do right now is just test the trap door and see if it's working.

716

00:39:18,000 --> 00:39:21,000

It works. And I'm out safely.

717

00:39:21,000 --> 00:39:24,000

Well, sort of safely.

718

00:39:25,000 --> 00:39:27,000

Better than dying.

719

00:39:27,000 --> 00:39:30,000

Meanwhile, Grant's got the dirt on dirt.

720

00:39:30,000 --> 00:39:34,000

So dirt weighs between 65 and 88 pounds per cubic foot.

721

00:39:34,000 --> 00:39:41,000

And we know from our buried in sand experiment that those types of pressures on your chest cavity get very dangerous very quick.

722

00:39:41,000 --> 00:39:45,000

Now traditionally, caskets are buried six feet under dirt.

723

00:39:45,000 --> 00:39:49,000

But for safety, we're going to start out with just two feet.

724

00:39:49,000 --> 00:39:55,000

But even only two feet under, Carrie for one, is sure Tory's digging his own grave.

725

00:39:55,000 --> 00:40:00,000

I have a feeling the coffin's going to fill up and pin him before he's able to dig his way out.

726

00:40:00,000 --> 00:40:05,000

So, pepped up by Carrie's confidence, Tory puts on an anti-crush suit.

727

00:40:05,000 --> 00:40:07,000

It's got to stop the dirt from compressing my lungs.

728

00:40:07,000 --> 00:40:11,000

And most important, a fire brigade breathing apparatus.

729

00:40:11,000 --> 00:40:14,000

I'm going to go, is this how Houdini died?

730

00:40:14,000 --> 00:40:17,000

One panicked look later at its go time.

731

00:40:17,000 --> 00:40:19,000

Careful in there.

732

00:40:19,000 --> 00:40:25,000

Tory carefully slides his way into the coffin as he prepares to literally put his life on the line.

733

00:40:25,000 --> 00:40:26,000

You ready?

734

00:40:26,000 --> 00:40:27,000

I'm ready.

735

00:40:27,000 --> 00:40:29,000

All right, I'm going to open the door slowly.

736

00:40:29,000 --> 00:40:32,000

All of a sudden this seems like a horrible idea.

737

00:40:32,000 --> 00:40:34,000

Tory's burial ritual begins.

738

00:40:34,000 --> 00:40:41,000

Carrie releases the trap door exactly as if he'd been able to punch a hole in that coffin lid.

739

00:40:41,000 --> 00:40:44,000

The trickle of dirt begins to fall in on him.

740

00:40:44,000 --> 00:40:46,000

Bro, this is freaking.

741

00:40:46,000 --> 00:40:48,000

Okay, keep going.

742

00:40:48,000 --> 00:40:49,000

Yeah, keep going.

743

00:40:49,000 --> 00:40:53,000

Carrie opens it wider and it rapidly becomes an avalanche.

744

00:40:53,000 --> 00:40:55,000

And it's panic stations below.

745

00:40:55,000 --> 00:40:57,000

Whoa, whoa, stop, stop.

746

00:40:57,000 --> 00:41:02,000

All right, I'm on.

747

00:41:02,000 --> 00:41:04,000

I'm okay, I'm okay.

748

00:41:04,000 --> 00:41:06,000

I'm on.

749

00:41:06,000 --> 00:41:09,000

The two feet of dirt has caved in on him.

750

00:41:09,000 --> 00:41:11,000

But there's a bonus.

751

00:41:11,000 --> 00:41:13,000

It's opened up a rabbit hole above.

752

00:41:13,000 --> 00:41:15,000

God damn it.

753

00:41:15,000 --> 00:41:17,000

Whoo!

754

00:41:17,000 --> 00:41:20,000

But still trapped.

755

00:41:20,000 --> 00:41:23,000

He pushes the dirt to the bottom of the coffin,

756

00:41:23,000 --> 00:41:27,000

wiggles and then scrapes his way upright

757

00:41:27,000 --> 00:41:33,000

and with a massive effort, actually triumphs in tunneling his way out.

758

00:41:33,000 --> 00:41:35,000

Ah!

759

00:41:35,000 --> 00:41:37,000

I'm alive!

760

00:41:37,000 --> 00:41:39,000

As soon as the door was open to about a foot wide,

761

00:41:39,000 --> 00:41:42,000

all of a sudden a ton of dirt came falling in on my chest

762

00:41:42,000 --> 00:41:44,000

and I couldn't move my arms anymore.

763

00:41:44,000 --> 00:41:46,000

I couldn't move my body and I started panicking.

764

00:41:46,000 --> 00:41:49,000

I almost had Grant hit the quick release and let me out.

765

00:41:49,000 --> 00:41:52,000

But I calmed down, finally got the dirt pushed down enough

766

00:41:52,000 --> 00:41:56,000

so I could maneuver enough to get out of the two feet of dirt.

767

00:41:56,000 --> 00:41:58,000

Tauri's proved that at two feet under,

768

00:41:58,000 --> 00:42:00,000

assuming you could open the coffin lid,

769

00:42:00,000 --> 00:42:03,000

escape is just conceivable.

770

00:42:03,000 --> 00:42:06,000

But the myth calls for a normal burial.

771

00:42:06,000 --> 00:42:10,000

Now our next setup is going to be under the full six feet of dirt.

772

00:42:10,000 --> 00:42:12,000

Yep, you heard right folks.

773

00:42:12,000 --> 00:42:15,000

Grant is going to be buried a full six feet under.

774

00:42:15,000 --> 00:42:19,000

But so he doesn't die, his plan is to sit up,

775

00:42:19,000 --> 00:42:21,000

not lie down in the coffin.

776

00:42:21,000 --> 00:42:24,000

Okay, let's pause for Carrie's prediction.

777

00:42:24,000 --> 00:42:26,000

Think about four feet.

778

00:42:26,000 --> 00:42:29,000

It's all going to collapse down and completely go pear-shaped.

779

00:42:29,000 --> 00:42:32,000

Yep, as with any Mythbusters experiment,

780

00:42:32,000 --> 00:42:35,000

going pear-shaped is a real possibility.

781

00:42:35,000 --> 00:42:37,000

Okay, Carrie, go ahead!

782

00:42:37,000 --> 00:42:40,000

Carrie at last dishes the dirt on Grant.

783

00:42:40,000 --> 00:42:42,000

Keep going!

784

00:42:43,000 --> 00:42:46,000

Thousands of pounds of soil slithers sound.

785

00:42:46,000 --> 00:42:48,000

Okay, stop!

786

00:42:48,000 --> 00:42:51,000

And almost immediately, Grant's buried to the net,

787

00:42:51,000 --> 00:42:55,000

unable to move, at least until the rig breaks under the pressure.

788

00:42:55,000 --> 00:43:00,000

It's easy to see that if Grant had been lying down, he'd be dead.

789

00:43:00,000 --> 00:43:04,000

Well, I guess that worked well.

790

00:43:04,000 --> 00:43:07,000

Yeah, I think that pretty much sums it up.

791

00:43:07,000 --> 00:43:11,000

The air tunnel that Tori used never opened up for Grant,

792

00:43:11,000 --> 00:43:14,000

and that meant escape was totally impossible.

793

00:43:14,000 --> 00:43:17,000

I'm convinced you'd be buried alive.

794

00:43:17,000 --> 00:43:22,000

That six feet of dirt came all down into the casket, filled it up.

795

00:43:22,000 --> 00:43:25,000

There's no way you're going to survive this.

796

00:43:25,000 --> 00:43:29,000

So let's go inside and put the epitaph on this myth.

797

00:43:29,000 --> 00:43:31,000

All right, you guys, where do we stand with coffin punch?

798

00:43:31,000 --> 00:43:33,000

We definitely have to bust this one.

799

00:43:33,000 --> 00:43:36,000

I mean, there's no way we were even able to punch through the lid of the casket.

800

00:43:36,000 --> 00:43:38,000

And that's with the full strength of the martial artist,

801

00:43:38,000 --> 00:43:41,000

both in the shop and when the casket was buried.

802

00:43:41,000 --> 00:43:43,000

Okay, and say you could punch a hole in the casket,

803

00:43:43,000 --> 00:43:46,000

and you could punch that hole big enough that you could crawl out of.

804

00:43:46,000 --> 00:43:48,000

There's no way you're crawling through six feet of dirt.

805

00:43:48,000 --> 00:43:50,000

Look how much trouble you had with two feet.

806

00:43:50,000 --> 00:43:52,000

And I had a mask on and a respirator.

807

00:43:52,000 --> 00:43:55,000

Yeah, if you didn't have that, you wouldn't be able to see or breathe.

808

00:43:55,000 --> 00:43:57,000

Yeah, so this one is definitely busted.

809

00:43:57,000 --> 00:43:59,000

Busted. Busted.

810

00:43:59,000 --> 00:44:02,000

I just hope I never get buried alive.

811

00:44:02,000 --> 00:44:04,000

Oh, that's what I was going to get you for Christmas.

812

00:44:11,000 --> 00:44:14,000

In an effort to build a novel bulletproof vest...

813

00:44:14,000 --> 00:44:15,000

One.

814

00:44:15,000 --> 00:44:20,000

...Janey's come up with a homegrown remedy of bathroom tiles and plaster.

815

00:44:20,000 --> 00:44:24,000

And now it's time for its baptism of gunfire.

816

00:44:24,000 --> 00:44:26,000

Let's get out to the shooting range.

817

00:44:26,000 --> 00:44:29,000

This is my improvised armor.

818

00:44:29,000 --> 00:44:33,000

Now it's made of a high-strength gypsum cement called FGR95,

819

00:44:33,000 --> 00:44:36,000

which is filled with polypropylene fiber.

820

00:44:36,000 --> 00:44:41,000

We've also inserted two layers of common bathroom tiles a little bit back from the front.

821

00:44:41,000 --> 00:44:46,000

With its gel vital organs as backstop, the mannequin will take the hit

822

00:44:46,000 --> 00:44:48,000

if the tile proves permeable.

823

00:44:48,000 --> 00:44:50,000

Well, here's the Mythbusters Armory.

824

00:44:50,000 --> 00:44:52,000

Jamie said he wanted to test the Jamie tile.

825

00:44:52,000 --> 00:44:54,000

We wanted to give it a good solid test.

826

00:44:54,000 --> 00:44:58,000

We chose wide bandwidth of your basic armaments and ammunition.

827

00:44:58,000 --> 00:45:00,000

So let me give you a tour of today's arsenal.

828

00:45:00,000 --> 00:45:05,000

Starting off with a handgun 9mm, moving on to the handgun 45 caliber.

829

00:45:05,000 --> 00:45:08,000

Then to the shotgun, both with buckshot and the deer slug.

830

00:45:08,000 --> 00:45:11,000

Finally finishing off with a high-speed rifle round the .223.

831

00:45:11,000 --> 00:45:15,000

That ought to give this thing a run for its money.

832

00:45:15,000 --> 00:45:16,000

Lights going hot!

833

00:45:16,000 --> 00:45:20,000

And suited, locked and loaded for the first big test,

834

00:45:20,000 --> 00:45:22,000

let's pause for a prediction from Jamie.

835

00:45:22,000 --> 00:45:27,000

As far as pistols go, the 9mm has a reputation for penetrating quite well.

836

00:45:27,000 --> 00:45:30,000

I'm going to go out on a limb here though and say,

837

00:45:30,000 --> 00:45:33,000

I think my Jamie tile is going to stop it.

838

00:45:33,000 --> 00:45:37,000

But will confidence be confirmed by the conclusion?

839

00:45:37,000 --> 00:45:42,000

Alright, in three, two, one.

840

00:45:45,000 --> 00:45:46,000

It stopped it.

841

00:45:46,000 --> 00:45:47,000

It totally stopped it.

842

00:45:48,000 --> 00:45:49,000

There you go.

843

00:45:49,000 --> 00:45:50,000

That's a 9mm.

844

00:45:50,000 --> 00:45:53,000

I'd say it's Jamie tile 1 bullet 0.

845

00:45:53,000 --> 00:45:56,000

It's a good start for Jamie's tile.

846

00:45:56,000 --> 00:46:01,000

But next, it's staring down the barrel of a .45 handgun.

847

00:46:02,000 --> 00:46:04,000

Oh, that looks like a nice stop.

848

00:46:05,000 --> 00:46:06,000

Beauty.

849

00:46:06,000 --> 00:46:08,000

Hardly a dent in the back.

850

00:46:08,000 --> 00:46:11,000

Jamie tile 2 bullets.

851

00:46:11,000 --> 00:46:12,000

Zilch.

852

00:46:12,000 --> 00:46:15,000

Next up in the ramp-up, it's buckshot.

853

00:46:15,000 --> 00:46:17,000

After watching what it did against the handgun rounds,

854

00:46:17,000 --> 00:46:20,000

I don't think buckshot's going to make it through the Jamie tile.

855

00:46:21,000 --> 00:46:22,000

Ow!

856

00:46:23,000 --> 00:46:25,000

Ha ha ha ha ha ha!

857

00:46:25,000 --> 00:46:26,000

Look at that.

858

00:46:26,000 --> 00:46:29,000

Well, I tell you what, buckshot is one of the scariest things

859

00:46:29,000 --> 00:46:30,000

you can go up against.

860

00:46:30,000 --> 00:46:33,000

And the Jamie tile stopped it and stopped it cold.

861

00:46:33,000 --> 00:46:38,000

But now things get really serious as buckshot takes a backseat

862

00:46:38,000 --> 00:46:40,000

replaced by the deer slug.

863

00:46:40,000 --> 00:46:42,000

This is almost an ounce of lead.

864

00:46:42,000 --> 00:46:45,000

It's a huge amount of force coming out of that gun.

865

00:46:45,000 --> 00:46:48,000

I don't know whether we'll be able to stop it or not.

866

00:46:48,000 --> 00:46:51,000

Right cut, right ear protection on.

867

00:46:52,000 --> 00:46:54,000

Ha ha ha!

868

00:46:54,000 --> 00:46:56,000

I see dead people.

869

00:46:56,000 --> 00:46:58,000

And the fears are founded.

870

00:46:58,000 --> 00:47:00,000

Wow, look at that hole.

871

00:47:00,000 --> 00:47:02,000

He'd be hurting.

872

00:47:02,000 --> 00:47:04,000

He'd be dead.

873

00:47:06,000 --> 00:47:09,000

The deer slug went straight through the tile

874

00:47:09,000 --> 00:47:11,000

and took out the vital organs too.

875

00:47:13,000 --> 00:47:16,000

Oh, it looks like the champion's been taken down by an upstart named

876

00:47:16,000 --> 00:47:17,000

Deer Slug.

877

00:47:18,000 --> 00:47:22,000

And after the slow moving but deadly deer shot.

878

00:47:22,000 --> 00:47:24,000

Now we're going to move on to the 223.

879

00:47:24,000 --> 00:47:26,000

This is the opposite end of the scale.

880

00:47:26,000 --> 00:47:29,000

It's a really small bullet, but it's moving really, really fast.

881

00:47:29,000 --> 00:47:32,000

But can it take out a Jamie tile?

882

00:47:32,000 --> 00:47:33,000

Range is hot.

883

00:47:33,000 --> 00:47:35,000

My in ears.

884

00:47:37,000 --> 00:47:39,000

And it's the last man standing.

885

00:47:39,000 --> 00:47:40,000

What do you think?

886

00:47:40,000 --> 00:47:41,000

You think it went through?

887

00:47:41,000 --> 00:47:42,000

I think it went through.

888

00:47:42,000 --> 00:47:43,000

You do?

889

00:47:43,000 --> 00:47:44,000

Oh, look at that.

890

00:47:44,000 --> 00:47:45,000

There's the bullet.

891

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

That would be a kill.

892

00:47:47,000 --> 00:47:49,000

Wow, look at that.

893

00:47:49,000 --> 00:47:51,000

He certainly slowed that bullet down

894

00:47:51,000 --> 00:47:55,000

for it to end up in the gel, but he's dead.

895

00:47:59,000 --> 00:48:01,000

And there's no arguing with that.

896

00:48:01,000 --> 00:48:04,000

Well, it seems that the Halcyon days where we all wish

897

00:48:04,000 --> 00:48:07,000

that Jamie tile was bulletproof are all going to go,

898

00:48:07,000 --> 00:48:10,000

for the 223 has pierced it completely.

899

00:48:10,000 --> 00:48:14,000

However, it is still Jamie tile three.

900

00:48:14,000 --> 00:48:17,000

Bullet's a ammunition tool.

901

00:48:20,000 --> 00:48:21,000

Well, our armor's full of holes.

902

00:48:21,000 --> 00:48:23,000

The dummy's full of holes.

903

00:48:23,000 --> 00:48:24,000

I think we're done here.

904

00:48:24,000 --> 00:48:25,000

I think our work is done.

905

00:48:25,000 --> 00:48:26,000

Let's go.

906

00:48:30,000 --> 00:48:33,000

I think I need to try Portland cement next.

907

00:48:44,000 --> 00:48:46,000

I think we're done here.

