

1

00:00:00,000 --> 00:00:08,280

On this episode of MythFusters, get ready to saddle up and ride out.

2

00:00:08,280 --> 00:00:12,220

We put Old Westmeth's to the test.

3

00:00:12,220 --> 00:00:18,800

Adam and Jamie are given the OK to corral some classic cowboy capers.

4

00:00:18,800 --> 00:00:22,640

Can you take someone's hat off with a bullet?

5

00:00:22,640 --> 00:00:26,480

Can you bust your buddy out of jail with old fashioned horsepower?

6

00:00:26,920 --> 00:00:30,560

Or do you need something with a little more kick?

7

00:00:30,560 --> 00:00:32,680

Danger, warning, warning.

8

00:00:32,680 --> 00:00:34,040

Three, two, one.

9

00:00:34,040 --> 00:00:40,120

Meanwhile, Carri-Torre and Grant are on a collision course

10

00:00:40,120 --> 00:00:41,800

with a modern motoring myth.

11

00:00:41,800 --> 00:00:42,680

Are you getting frustrated?

12

00:00:42,680 --> 00:00:44,160

Frustration, yes.

13

00:00:44,160 --> 00:00:48,400

Can an airbag turn a lock bag into a skull-cleaving spear?

14

00:00:53,880 --> 00:00:56,400

Who are the MythFusters?

15

00:00:56,400 --> 00:00:57,400

Adam Savage.

16

00:00:57,400 --> 00:00:59,440

Dangerous, my middle name.

17

00:00:59,440 --> 00:01:00,600

And Jamie Heineman.

18

00:01:00,600 --> 00:01:03,760

The behavior we're going to make you into a coat.

19

00:01:03,760 --> 00:01:06,880

Between them, over 30 years, special effects experience.

20

00:01:06,880 --> 00:01:09,600

Yeah!

21

00:01:09,600 --> 00:01:11,720

Joining them, Tori Belachie.

22

00:01:11,720 --> 00:01:13,040

Now bang it up, bang it up, bang it up.

23

00:01:13,040 --> 00:01:14,040

Carri Byron.

24

00:01:14,040 --> 00:01:15,640

Don't try what you're about to see at home.

25

00:01:15,640 --> 00:01:17,440

And Grant Imahara.

26

00:01:17,440 --> 00:01:18,960

He's alive!

27

00:01:18,960 --> 00:01:21,760

They don't just tell the myths.

28

00:01:21,760 --> 00:01:23,360

They put them to the test.

29

00:01:26,400 --> 00:01:35,520

Now that's what I call a quick drop.

30

00:01:35,520 --> 00:01:37,480

Adam, what are you doing?

31

00:01:37,480 --> 00:01:42,320

What do we got?

32

00:01:42,320 --> 00:01:43,960

Well, it looks like you already know.

33

00:01:43,960 --> 00:01:45,560

We've got wild west myths.

34

00:01:45,560 --> 00:01:46,560

Excellent.

35

00:01:46,560 --> 00:01:47,560

Like what?

36

00:01:47,560 --> 00:01:49,840

Well, like in you shoot somebody's hat off with a gun.

37

00:01:49,840 --> 00:01:50,840

You're going to shoot my hat off?

38

00:01:50,840 --> 00:01:52,840

I'm going to shoot your hat off.

39

00:01:52,840 --> 00:01:54,680

Oh, can we break out of jail?

40

00:01:54,680 --> 00:01:55,680

That's the other one.

41

00:01:55,680 --> 00:01:57,280

Yes, I've always wanted to do that.

42

00:01:57,280 --> 00:01:58,280

Yippee-ki-yay.

43

00:01:58,280 --> 00:02:03,600

You wanted to see Adam and Jamie strap on their chaps?

44

00:02:03,600 --> 00:02:05,720

So you got it.

45

00:02:05,720 --> 00:02:10,800

The guys are going to circle the wagons and throw themselves into busting some frontier

46

00:02:10,800 --> 00:02:13,800

style fables.

47

00:02:13,800 --> 00:02:16,680

Alright, so which one do we start with?

48

00:02:16,680 --> 00:02:18,920

Let's start with the hats.

49

00:02:18,920 --> 00:02:22,040

It's perhaps the most famous wild west cliché.

50

00:02:22,040 --> 00:02:24,920

As predictable as a stouch and a salute.

51

00:02:25,280 --> 00:02:30,320

Right in the middle of some western movie mayhem, a shot is fired and a cowboy's hat

52

00:02:30,320 --> 00:02:32,360

is gone with the wind.

53

00:02:32,360 --> 00:02:36,440

Is it true grit or just Hollywood gun smoke and mirrors?

54

00:02:36,440 --> 00:02:41,720

Okay, I can see us needing some period correct hats, some period correct guns and period

55

00:02:41,720 --> 00:02:42,720

correct ammo.

56

00:02:42,720 --> 00:02:45,320

Okay, well, I'll track down the guns in the ammo.

57

00:02:45,320 --> 00:02:47,840

Why don't you deal with the hats?

58

00:02:47,840 --> 00:02:49,520

Adam's got a fist full of dollars.

59

00:02:49,520 --> 00:02:51,160

He's going to do just that.

60

00:02:51,400 --> 00:02:56,120

We've come to the expert, Bill, here at Golden Gate Western Ware in Pleasant Hill, California,

61

00:02:56,120 --> 00:02:58,760

should be able to answer all of my questions.

62

00:02:58,760 --> 00:03:03,280

Bill's hats match those worn by cowboys in the late 19th century.

63

00:03:03,280 --> 00:03:07,920

Back in that golden age, hats were made from wool or beaver felt.

64

00:03:07,920 --> 00:03:11,960

It was a time when men were men.

65

00:03:11,960 --> 00:03:14,040

Beavers were nervous.

66

00:03:14,040 --> 00:03:17,760

But this is a style that was the most popular cowboy hat.

67

00:03:17,760 --> 00:03:18,760

This was.

68

00:03:18,760 --> 00:03:19,760

1870s, 1880s.

69

00:03:20,760 --> 00:03:24,920

Bill's even got a replica of the Duke's own crowning glory.

70

00:03:24,920 --> 00:03:26,920

The hell I want them.

71

00:03:26,920 --> 00:03:29,360

And this is typical of what John Wayne wore.

72

00:03:29,360 --> 00:03:30,360

And we've stained it.

73

00:03:30,360 --> 00:03:32,280

We've got the cowboy cord on there just like this.

74

00:03:32,280 --> 00:03:34,520

And you notice it's a very tall crown.

75

00:03:34,520 --> 00:03:35,520

Yeah.

76

00:03:35,520 --> 00:03:36,520

Substantial felt.

77

00:03:36,520 --> 00:03:37,520

It's beautiful.

78

00:03:37,520 --> 00:03:40,080

So it gives you a big target in the top there.

79

00:03:43,840 --> 00:03:49,000

After posing as a hat stand, Adam chooses eight classic cowboy hats.

80

00:03:49,000 --> 00:03:52,160

Or wool for beaver.

81

00:03:52,160 --> 00:03:56,920

But as keen as he is to try them on, he's decided he won't be under them when the bullets

82

00:03:56,920 --> 00:03:57,920

start blasting.

83

00:03:57,920 --> 00:03:58,920

Not that I don't trust you.

84

00:03:58,920 --> 00:04:02,600

I know you're a good shot, but I don't want to let you shoot a hat off my head.

85

00:04:02,600 --> 00:04:04,360

I think we should have a ballistic material head.

86

00:04:04,360 --> 00:04:07,640

And I think that both Grant and I have done our service as cast heads.

87

00:04:07,640 --> 00:04:10,720

And it's time to make a mold of your head.

88

00:04:10,720 --> 00:04:13,760

I got no problem with that.

89

00:04:13,880 --> 00:04:19,080

Jamie takes a seat on the casting couch while Adam prepares to tire and feather him.

90

00:04:19,080 --> 00:04:22,520

This is basically the same stuff that the dentist uses to cast her teeth.

91

00:04:22,520 --> 00:04:24,600

It's seaweed-based.

92

00:04:24,600 --> 00:04:25,600

Waters the binder.

93

00:04:25,600 --> 00:04:27,400

This is going to get drippy.

94

00:04:27,400 --> 00:04:28,400

You ready?

95

00:04:28,400 --> 00:04:31,840

So come on over here, Jess.

96

00:04:31,840 --> 00:04:34,800

And help me keep it up on Jamie.

97

00:04:34,800 --> 00:04:37,680

It's like it's going to drip down past his shoulders.

98

00:04:37,680 --> 00:04:39,480

Don't get it near his mouth.

99

00:04:39,480 --> 00:04:41,840

The alginate goes on like campfire beans.

100

00:04:41,840 --> 00:04:43,600

Are you doing your left eye, Jamie?

101

00:04:43,600 --> 00:04:46,440

Obviously his mouth is left uncovered so he can breathe.

102

00:04:46,440 --> 00:04:50,360

He's like the incredible melting man.

103

00:04:50,360 --> 00:04:53,440

It's an uncomfortable, claustrophobic process.

104

00:04:53,440 --> 00:04:58,320

He has to spend nearly half an hour cocooned in his seaweed face mask.

105

00:04:58,320 --> 00:05:01,720

I'm going to slice up the back of your head.

106

00:05:01,720 --> 00:05:04,560

Here it goes.

107

00:05:04,560 --> 00:05:06,440

We're going to start peeling this off.

108

00:05:06,440 --> 00:05:08,160

Oh, oh, oh, it's good.

109

00:05:08,160 --> 00:05:09,160

It's good.

110

00:05:09,160 --> 00:05:10,160

Is it moving?

111

00:05:10,160 --> 00:05:11,160

Uh-huh.

112

00:05:11,160 --> 00:05:12,160

Watch clear his ears.

113

00:05:12,160 --> 00:05:13,160

Excellent.

114

00:05:13,200 --> 00:05:15,200

Ears off here.

115

00:05:15,200 --> 00:05:16,680

And you're free.

116

00:05:16,680 --> 00:05:17,680

Excellent.

117

00:05:17,680 --> 00:05:19,400

You can go get cleaned up.

118

00:05:19,400 --> 00:05:22,760

That was kind of unpleasant.

119

00:05:22,760 --> 00:05:27,400

The alginate deteriorates quickly and Adam has to race the clock to get the ballistic

120

00:05:27,400 --> 00:05:29,840

bust finished.

121

00:05:29,840 --> 00:05:32,400

But a few cracks are starting to appear.

122

00:05:32,400 --> 00:05:36,160

This whole thing has gone crazy on me.

123

00:05:36,160 --> 00:05:41,400

With time running out, he sticks them all together using silicon and straps.

124

00:05:41,400 --> 00:05:42,800

Complete failure.

125

00:05:42,840 --> 00:05:48,760

All the king's horses and all the king's men won't be able to rescue Adam this time.

126

00:05:48,760 --> 00:05:52,680

As he pours the molten ballistics gel, the mold cracks like an egg.

127

00:05:52,680 --> 00:05:55,400

You want to get me some foil tape?

128

00:05:55,400 --> 00:05:56,920

And the yoke's on him.

129

00:05:56,920 --> 00:06:01,160

Pretty much total, total failure in every way possible.

130

00:06:01,160 --> 00:06:03,960

I haven't felt this badly in a long time.

131

00:06:03,960 --> 00:06:05,680

It's all right, Adam.

132

00:06:05,680 --> 00:06:08,920

It's been said that when they made Jamie, they broke the mold.

133

00:06:08,920 --> 00:06:11,480

You've just gone and done it again.

134

00:06:11,480 --> 00:06:14,320

It's sort of a been a big wasted effort as far as I'm concerned.

135

00:06:14,320 --> 00:06:16,320

The casting was no good.

136

00:06:16,320 --> 00:06:18,360

The mold is no good.

137

00:06:18,360 --> 00:06:19,760

It's like nothing's any good.

138

00:06:19,760 --> 00:06:20,760

Adam knows how to do it.

139

00:06:20,760 --> 00:06:23,000

He just didn't do it in this case.

140

00:06:23,000 --> 00:06:24,000

That's not too terribly mean.

141

00:06:24,000 --> 00:06:28,960

No, that's exactly what I probably would say.

142

00:06:28,960 --> 00:06:33,720

So now it'll be Grant's battered ballistics bust after all staring down the barrel of

143

00:06:33,720 --> 00:06:35,560

this cowboy myth.

144

00:06:35,560 --> 00:06:38,480

All right, let's cut.

145

00:06:41,480 --> 00:06:44,600

Now it's over to the good, the bad, and the ugly.

146

00:06:44,600 --> 00:06:46,640

I'll let you decide who's who.

147

00:06:46,640 --> 00:06:49,800

OK, so lockpick of death, what is that?

148

00:06:49,800 --> 00:06:51,720

This one's actually an airbag myth.

149

00:06:51,720 --> 00:06:56,280

The scenario is a guy is breaking into a car using one of those flat lockpicks, triggers

150

00:06:56,280 --> 00:06:57,600

the side airbag.

151

00:06:57,600 --> 00:07:03,000

The airbag explodes, launching the lockpick through a skull.

152

00:07:03,000 --> 00:07:04,360

Sweet.

153

00:07:04,360 --> 00:07:05,360

Sweet.

154

00:07:06,360 --> 00:07:12,200

It's another story from that font of urban legend, the famous Mythbusters fan sign.

155

00:07:12,200 --> 00:07:16,000

A would-be car thief is using a lockpick to break into a car.

156

00:07:16,000 --> 00:07:21,400

While poking around inside the door, he unwittingly triggers the side airbag, which expands with

157

00:07:21,400 --> 00:07:26,440

such force the lockpick becomes a missile and the thief suddenly finds himself picking

158

00:07:26,440 --> 00:07:29,080

his own brain.

159

00:07:29,080 --> 00:07:34,680

And ready for a mythbuster tale full of exploding airbags.

160

00:07:34,680 --> 00:07:35,680

Skull Duggery.

161

00:07:35,680 --> 00:07:37,920

As long as they're legal, we're happy.

162

00:07:37,920 --> 00:07:38,920

And Udon Noodles.

163

00:07:38,920 --> 00:07:41,840

That looks a little like brain, doesn't it?

164

00:07:41,840 --> 00:07:45,760

Well, I think we should learn first of all how to pick a car lock to either of you know

165

00:07:45,760 --> 00:07:47,600

how to do that already.

166

00:07:47,600 --> 00:07:48,600

No.

167

00:07:48,600 --> 00:07:53,560

Well, short of getting a criminal, I think maybe we should see if a fireman can help us

168

00:07:53,560 --> 00:07:57,280

out, because I know they have to pick locks to get into cars.

169

00:07:57,280 --> 00:08:00,160

The guys are going on a fact-finding mission.

170

00:08:00,160 --> 00:08:02,560

We need to learn how to use a lockpick and we hear you can teach us.

171

00:08:02,560 --> 00:08:05,040

Well, we do have some cars over here and we do have some tools.

172

00:08:05,040 --> 00:08:06,640

Let's see if we can actually get in.

173

00:08:06,640 --> 00:08:07,640

Excellent.

174

00:08:07,640 --> 00:08:08,640

Let's do it.

175

00:08:08,640 --> 00:08:13,960

At the Liverbore Pleasant and Fire Department's training facility, firemen do take lockpicking

176

00:08:13,960 --> 00:08:15,040

lessons.

177

00:08:15,040 --> 00:08:19,440

And while we're not allowed to show you how it's done, the Mythbusters take careful note

178

00:08:19,440 --> 00:08:20,440

of the technique.

179

00:08:20,440 --> 00:08:22,560

All right, Matt, you want to give it a shot?

180

00:08:22,560 --> 00:08:23,560

Sure.

181

00:08:23,560 --> 00:08:27,760

You are leaning directly over the lockpick as you're trying to get in the car.

182

00:08:27,760 --> 00:08:32,960

It's worth noting too that these guys don't practice this on vehicles with side airbags,

183

00:08:32,960 --> 00:08:33,960

just in case.

184

00:08:33,960 --> 00:08:37,760

I mean, if you were leaning over that tool and the airbag went off, I could see how

185

00:08:37,760 --> 00:08:40,400

that thing would launch up into your neck.

186

00:08:40,400 --> 00:08:44,920

This demonstration shows that a person using a lockpick would be in the correct position

187

00:08:44,920 --> 00:08:45,920

to be impaled.

188

00:08:45,920 --> 00:08:47,920

He's almost got it.

189

00:08:47,920 --> 00:08:48,920

Hey!

190

00:08:48,920 --> 00:08:49,920

I got it.

191

00:08:49,920 --> 00:08:50,920

Excellent.

192

00:08:50,920 --> 00:08:55,600

You can really go off with a big enough bang to send that tool through your skull.

193

00:08:55,600 --> 00:09:00,880

We have a driver's airbag out of a small vehicle, and I put a traffic cone on it so we can see

194

00:09:00,880 --> 00:09:03,880

it a little bit better going up in the air, and we're going to launch it.

195

00:09:03,880 --> 00:09:07,880

Do not try this at home.

196

00:09:07,880 --> 00:09:09,880

The airbag's rigged for remote ignition.

197

00:09:09,880 --> 00:09:10,880

Everybody ready?

198

00:09:10,880 --> 00:09:11,880

Hey, we're ready.

199

00:09:11,880 --> 00:09:12,880

All right.

200

00:09:12,880 --> 00:09:13,880

Three, two, one.

201

00:09:13,880 --> 00:09:14,880

Run!

202

00:09:15,840 --> 00:09:16,840

Run!

203

00:09:16,840 --> 00:09:17,840

Good shot!

204

00:09:17,840 --> 00:09:28,880

The leading edge of this bag is coming at you about 500 miles an hour.

205

00:09:28,880 --> 00:09:33,400

It's deploying in about a quarter of a millisecond, and it deflates almost immediately.

206

00:09:33,400 --> 00:09:35,640

These are the airbags that come out of the steering wheel.

207

00:09:35,640 --> 00:09:40,280

Now, what are the difference between these and the side ones that come out of the door?

208

00:09:40,280 --> 00:09:43,680

Side airbags would be deploying about four times faster than these are.

209

00:09:43,680 --> 00:09:46,680

Now, that we got to see.

210

00:09:46,680 --> 00:09:49,680

Three, two, one.

211

00:09:49,680 --> 00:09:52,680

Yes!

212

00:09:52,680 --> 00:09:54,680

That cone's out of the park.

213

00:09:54,680 --> 00:09:57,680

That was fantastic.

214

00:09:57,680 --> 00:09:59,680

Yes!

215

00:09:59,680 --> 00:10:01,680

Got any more of those?

216

00:10:01,680 --> 00:10:02,680

I wish.

217

00:10:02,680 --> 00:10:03,680

That was cool.

218

00:10:03,680 --> 00:10:06,680

How cool was that?

219

00:10:06,680 --> 00:10:10,680

I mean, those airbags must have shot the cones like 50 feet in the air.

220

00:10:10,680 --> 00:10:14,840

Yeah, that's because technically they are explosives, which is ironic because they're

221

00:10:14,840 --> 00:10:17,180

meant to save your life, but they go off right in your face.

222

00:10:17,180 --> 00:10:20,680

But what happens is sensors on the car detect a crash.

223

00:10:20,680 --> 00:10:27,680

They ignite the airbag, which inflates a nylon fabric bag full of gas in a split second.

224

00:10:27,680 --> 00:10:33,680

One thing's for sure, these firefighters have failed to hose down speculation about this myth.

225

00:10:33,680 --> 00:10:34,680

These things are powerful.

226

00:10:34,680 --> 00:10:37,680

I mean, I could see how this whole thing might work.

227

00:10:37,680 --> 00:10:38,680

All right, let's get going.

228

00:10:38,680 --> 00:10:41,680

I think we can get some lockpicks on the way home.

229

00:10:41,680 --> 00:10:44,680

Still to come, Carrie finds out choosing a skull's a skill.

230

00:10:44,680 --> 00:10:48,680

Why don't we wrap up the fat head and I'll take it to go.

231

00:10:48,680 --> 00:10:49,680

And after the break.

232

00:10:49,680 --> 00:10:52,680

Is your gun big enough to shoot my hat off?

233

00:11:01,680 --> 00:11:07,680

When a cowboy's hat takes a bullet in Hollywood, it takes flight like a startled bird.

234

00:11:07,680 --> 00:11:14,680

Does the science stack up or are those hats flying in the face of physics?

235

00:11:14,680 --> 00:11:17,680

Our own Butch and Sundance aim to find out.

236

00:11:17,680 --> 00:11:18,680

Are you ready?

237

00:11:18,680 --> 00:11:24,680

As we know, the mythbusters always feel right at home on the range.

238

00:11:24,680 --> 00:11:25,680

What happened?

239

00:11:25,680 --> 00:11:27,680

He must be Frank.

240

00:11:27,680 --> 00:11:28,680

That's my name.

241

00:11:28,680 --> 00:11:32,680

Frank Tabor is a Wild West firearms aficionado.

242

00:11:32,680 --> 00:11:34,680

Good morning, Jim.

243

00:11:34,680 --> 00:11:38,680

Frank's wagon contains an arsenal of archaic weapons.

244

00:11:38,680 --> 00:11:44,680

This is a 44-40 Colt, an 18-88 manufacturer, Smith and Wesson Top Bracelet.

245

00:11:44,680 --> 00:11:45,680

This is a Colt pump lightning.

246

00:11:45,680 --> 00:11:47,680

This one's about 1900.

247

00:11:47,680 --> 00:11:49,680

Has anyone ever shot your head off?

248

00:11:49,680 --> 00:11:54,680

One time I was at a competition and my hat blew down range and everybody online shot it to pieces.

249

00:11:54,680 --> 00:11:56,680

I just blew it up.

250

00:11:56,680 --> 00:12:02,680

Frank has got so many options for us from long-round, short-rounds, black powder, smokeless rifles.

251

00:12:02,680 --> 00:12:03,680

Let's do it.

252

00:12:04,680 --> 00:12:11,680

Our Hollywood hard guys use handguns, so Adam and Jamie select an 1860 Army Colt revolver.

253

00:12:11,680 --> 00:12:15,680

If that doesn't work, they'll try a Winchester lever action rifle.

254

00:12:15,680 --> 00:12:16,680

I love that.

255

00:12:16,680 --> 00:12:18,680

The weapons are authentic.

256

00:12:18,680 --> 00:12:23,680

The eight target hats match those worn by real cowboys in the real Wild West.

257

00:12:23,680 --> 00:12:25,680

Nice high crown.

258

00:12:25,680 --> 00:12:26,680

Should be easy to shoot and miss the hat.

259

00:12:26,680 --> 00:12:27,680

You ready?

260

00:12:27,680 --> 00:12:28,680

Yeah, let's do it.

261

00:12:28,680 --> 00:12:31,680

That's pretty darn good.

262

00:12:31,680 --> 00:12:32,680

All right.

263

00:12:32,680 --> 00:12:33,680

You want to take the first shot?

264

00:12:33,680 --> 00:12:34,680

Sure.

265

00:12:34,680 --> 00:12:37,680

First up, the oldest firearm, the revolver.

266

00:12:37,680 --> 00:12:39,680

Range is hot.

267

00:12:42,680 --> 00:12:44,680

That was perfect, right through the top.

268

00:12:44,680 --> 00:12:45,680

Didn't take it off.

269

00:12:45,680 --> 00:12:48,680

No, it cocked it a little bit to the side.

270

00:12:48,680 --> 00:12:52,680

The bullet left the muzzle at 750 feet per second.

271

00:12:52,680 --> 00:12:55,680

In bullet terms, that's not fast.

272

00:12:55,680 --> 00:13:00,680

But it was still fast enough to drill a neat hole straight through the frame.

273

00:13:00,680 --> 00:13:02,680

You got a lot of leverage out of that.

274

00:13:02,680 --> 00:13:05,680

See, the bullet went in here and tore out through the top.

275

00:13:05,680 --> 00:13:08,680

Again, it was moving a lot of material.

276

00:13:08,680 --> 00:13:11,680

Okay, here comes the Winchester.

277

00:13:17,680 --> 00:13:18,680

Nice shot.

278

00:13:18,680 --> 00:13:21,680

Look at that, right through the center.

279

00:13:21,680 --> 00:13:23,680

That did not budge the hat.

280

00:13:23,680 --> 00:13:25,680

It could not be a more perfect shot.

281

00:13:25,680 --> 00:13:31,680

The hat didn't take off, but it's way too early to call it busted.

282

00:13:32,680 --> 00:13:36,680

This is the Charles Bronson Once Upon a Time in the West hat.

283

00:13:36,680 --> 00:13:37,680

You ready?

284

00:13:37,680 --> 00:13:38,680

Ready.

285

00:13:38,680 --> 00:13:40,680

Range is hot.

286

00:13:41,680 --> 00:13:43,680

Hey!

287

00:13:43,680 --> 00:13:45,680

You knocked that off!

288

00:13:46,680 --> 00:13:47,680

Hang on, guys.

289

00:13:47,680 --> 00:13:49,680

Let's see the movie footage again.

290

00:13:49,680 --> 00:13:52,680

Bullets send these hats sky high.

291

00:13:54,680 --> 00:13:57,680

Jamie's shot was slightly less spectacular.

292

00:13:57,680 --> 00:13:59,680

Your hit could not have been more perfect.

293

00:13:59,680 --> 00:14:02,680

You went through more material of that hat than any of our hits before.

294

00:14:02,680 --> 00:14:07,680

You went through the brim, through the brim, through the brim, and through the brim.

295

00:14:07,680 --> 00:14:10,680

Yeah, but it kind of fell off sideways.

296

00:14:10,680 --> 00:14:13,680

But if you're the guy wearing this hat and someone shoots at you,

297

00:14:13,680 --> 00:14:15,680

you're going to say he shot my hat off.

298

00:14:15,680 --> 00:14:16,680

Spurred on.

299

00:14:16,680 --> 00:14:17,680

Find the red lady.

300

00:14:17,680 --> 00:14:19,680

Find the red lady and pay us \$20.

301

00:14:19,680 --> 00:14:23,680

Our gunslingers take pot shots at their whole hat collection.

302

00:14:30,680 --> 00:14:33,680

Right between the eyes.

303

00:14:37,680 --> 00:14:39,680

But those brims hardly budge.

304

00:14:39,680 --> 00:14:41,680

And the reason is simple.

305

00:14:41,680 --> 00:14:46,680

When it strikes the hat, a small projectile traveling at around a thousand feet per second

306

00:14:46,680 --> 00:14:51,680

doesn't encounter enough resistance and rips straight through the material.

307

00:14:51,680 --> 00:14:56,680

So the question is, what does it take to flip the lid on this myth?

308

00:14:56,680 --> 00:15:00,680

Time to pelt the felt with something a little more powerful.

309

00:15:06,680 --> 00:15:09,680

Now that's more like what we see on the silver screen.

310

00:15:09,680 --> 00:15:14,680

Old pelts went in here. Old pelts came out there.

311

00:15:14,680 --> 00:15:20,680

The bird shot sprays out at a slower speed, striking a larger surface area.

312

00:15:20,680 --> 00:15:24,680

The force is enough to make hat and head part company.

313

00:15:24,680 --> 00:15:27,680

And there's one tiny problem.

314

00:15:27,680 --> 00:15:30,680

But it doesn't quite leave you able to tell the tale.

315

00:15:33,680 --> 00:15:35,680

Looks like he's got an acne problem right now.

316

00:15:35,680 --> 00:15:36,680

Oh, crap.

317

00:15:36,680 --> 00:15:39,680

The dummy's forehead looks like a lunar landscape.

318

00:15:45,680 --> 00:15:47,680

Oh, I think that's a record.

319

00:15:50,680 --> 00:15:51,680

That hat is gone.

320

00:15:51,680 --> 00:15:53,680

He's definitely not going around going,

321

00:15:53,680 --> 00:15:55,680

and then he shot the hat right off my head.

322

00:15:55,680 --> 00:16:00,680

Because he'll also be like, then he shot the top of my head, right off my head.

323

00:16:01,680 --> 00:16:06,680

It's looking like this first cowboy myth might need to be right out of town on a rail.

324

00:16:10,680 --> 00:16:11,680

Yeah, you know, that was fun.

325

00:16:11,680 --> 00:16:13,680

We culled from 15 guns down to the three.

326

00:16:13,680 --> 00:16:15,680

We thought we're most likely, we had eight different hats,

327

00:16:15,680 --> 00:16:19,680

some 25 to 30 different shooting tests.

328

00:16:19,680 --> 00:16:23,680

Yep, and the only one that consistently shot off the hat was a shotgun.

329

00:16:23,680 --> 00:16:27,680

Yeah, but I think that's a, it's going a little far to say it's shot off the hat

330

00:16:27,680 --> 00:16:30,680

because I believe a good portion of your head would be going with that hat.

331

00:16:30,680 --> 00:16:37,680

I think we can definitively say that the movie myth that someone can fire a gun and your hat

332

00:16:37,680 --> 00:16:40,680

flies off your head, totally busted.

333

00:16:50,680 --> 00:16:54,680

Could an expanding airbag send a lockpick through a person's skull?

334

00:16:55,680 --> 00:16:57,680

Two, one.

335

00:16:59,680 --> 00:17:03,680

Well, we've seen an airbag launch a traffic cone weighing several pounds.

336

00:17:03,680 --> 00:17:06,680

So what might it do to a thin sliver of metal?

337

00:17:06,680 --> 00:17:10,680

In order to test this myth, we're going to need to get some car doors with side airbags

338

00:17:10,680 --> 00:17:13,680

and we'll get some lockpicks and see if we can set off the airbags with them.

339

00:17:13,680 --> 00:17:17,680

Yeah, but if this actually works, I think it'll be too dangerous for any of us to do.

340

00:17:17,680 --> 00:17:18,680

Even for him?

341

00:17:18,680 --> 00:17:19,680

Yeah, even for him.

342

00:17:19,680 --> 00:17:21,680

I think we should make a robot.

343

00:17:21,680 --> 00:17:22,680

A robot?

344

00:17:22,680 --> 00:17:24,680

That's an original.

345

00:17:24,680 --> 00:17:25,680

Shocking.

346

00:17:25,680 --> 00:17:27,680

I would have never guessed you wanted to build a robot.

347

00:17:27,680 --> 00:17:31,680

Well, hey, we don't have any trained monkeys, so we're going to have to use a robot.

348

00:17:31,680 --> 00:17:36,680

I don't know about no trained monkeys, but here's what we might loosely call the plan.

349

00:17:36,680 --> 00:17:40,680

Grant will build a pair of remote controlled hands to operate the lockpick.

350

00:17:40,680 --> 00:17:45,680

A ballistic material baddie boasting a real human skull will be leaning over the tool.

351

00:17:45,680 --> 00:17:50,680

When the airbag deploys, we'll see whether it's quiteons for our car thieves.

352

00:17:50,680 --> 00:17:54,680

While Grant gets to grips with his robotic robber,

353

00:17:54,680 --> 00:17:59,680

Danger Will Robinson, Danger Warning Warning, carries going head hunting.

354

00:17:59,680 --> 00:18:06,680

To properly test the lockpick of death men, I really feel like I need a real human skull.

355

00:18:06,680 --> 00:18:09,680

A casting just isn't going to give me the same sort of information.

356

00:18:10,680 --> 00:18:15,680

So, come to the bone room, because I know that they have a lot of skulls here.

357

00:18:15,680 --> 00:18:23,680

Do you think it's possible for a lockpick to be shot through a human head, just from the force of an airbag?

358

00:18:23,680 --> 00:18:26,680

There's parts on the skull that are fairly delicate.

359

00:18:26,680 --> 00:18:33,680

You know, the nose, inside the eyes, but underneath is pretty solid.

360

00:18:33,680 --> 00:18:37,680

Yeah, this is, you know, there's a lot more here than I'd expect.

361

00:18:37,680 --> 00:18:40,680

Yeah, I mean, it's, your brain's pretty well protected.

362

00:18:40,680 --> 00:18:45,680

Now she's going to make like the Wizard of Oz and give him a brain.

363

00:18:45,680 --> 00:18:49,680

This is sort of a gory myth, the idea of a lockpick shooting through your head.

364

00:18:49,680 --> 00:18:51,680

So I'm going to make a little bit of blood and a little bit of brain,

365

00:18:51,680 --> 00:18:55,680

and I can stuff up into this cavity here, and that way...

366

00:18:55,680 --> 00:19:01,680

Whoops, he's fine. If the skull gets damaged anyway, we'll know.

367

00:19:01,680 --> 00:19:05,680

Carrie mixes up some fake blood, and for the old gray matter...

368

00:19:05,680 --> 00:19:08,680

Well, that looks a little like brain, doesn't it? Just a little?

369

00:19:08,680 --> 00:19:10,680

Now that's using your noodle.

370

00:19:10,680 --> 00:19:14,680

When Carrie's finished filling his head with the nonsense...

371

00:19:14,680 --> 00:19:17,680

Grains are made of needles.

372

00:19:17,680 --> 00:19:19,680

She puts the skull inside the grand mold.

373

00:19:19,680 --> 00:19:22,680

I think the skull might have been a little bigger than Grant's head.

374

00:19:22,680 --> 00:19:24,680

And pours ballistic gel around it.

375

00:19:24,680 --> 00:19:28,680

I just can't tell if it's leaking out or not.

376

00:19:28,680 --> 00:19:32,680

Meanwhile, the real Grant is still wrestling with his robot.

377

00:19:32,680 --> 00:19:39,680

Lockpick sits right here in between two grippy hands with ballistic material fingers.

378

00:19:39,680 --> 00:19:48,680

Those are held securely in two linear actuators that will move basically in a straight line like this, or angling like that.

379

00:19:48,680 --> 00:19:52,680

So we've got a ballistic gel car thief complete with human skull.

380

00:19:52,680 --> 00:19:54,680

Yeah!

381

00:19:54,680 --> 00:19:58,680

And we've got a remote-controlled lockpick and robot.

382

00:19:58,680 --> 00:20:01,680

Now, we just need a car to break into.

383

00:20:01,680 --> 00:20:04,680

Are we sure that the airbags in here are actually operational?

384

00:20:04,680 --> 00:20:07,680

I think they've already been set off, to be honest.

385

00:20:07,680 --> 00:20:10,680

Notary, the side airbag hasn't been deployed.

386

00:20:10,680 --> 00:20:13,680

We just don't know if it can still fire.

387

00:20:13,680 --> 00:20:20,680

Mechanic Thomas Hannon runs a complete diagnostic check, and, not surprisingly, finds plenty of faults.

388

00:20:20,680 --> 00:20:24,680

No. For this myth, we're focusing on the side-impact airbags.

389

00:20:24,680 --> 00:20:28,680

Will those faults inhibit the system from firing those?

390

00:20:28,680 --> 00:20:30,680

No, they shouldn't.

391

00:20:30,680 --> 00:20:32,680

So the side airbag should still work.

392

00:20:32,680 --> 00:20:35,680

Question is, can a lockpick set it off?

393

00:20:35,680 --> 00:20:43,680

Remember, the myth states that an airbag inflates with enough force to send a lockpick boring through bone.

394

00:20:43,680 --> 00:20:47,680

Grant's robot is wrestled into position.

395

00:20:47,680 --> 00:20:51,680

Okay, just gonna get the tip inserted here.

396

00:20:51,680 --> 00:20:54,680

Too dangerous for the whole lockpick.

397

00:20:54,680 --> 00:20:56,680

So that's what this myth is all about.

398

00:20:56,680 --> 00:21:01,680

Using the remote control, Grant plunges the lockpick deep into the door.

399

00:21:01,680 --> 00:21:06,680

Okay, so that is as deep as it can go in there.

400

00:21:06,680 --> 00:21:11,680

Finally, Edder R. Carr Thief, ready for a little grand theft auto.

401

00:21:11,680 --> 00:21:13,680

His head's placed directly above the lockpick.

402

00:21:13,680 --> 00:21:15,680

That's perfect, man.

403

00:21:15,680 --> 00:21:16,680

Right under his chin.

404

00:21:16,680 --> 00:21:17,680

Okay.

405

00:21:17,680 --> 00:21:19,680

Alright, let's see if you can fire off this airbag.

406

00:21:19,680 --> 00:21:21,680

Okay, guys, lockpick of death.

407

00:21:21,680 --> 00:21:22,680

Are you ready?

408

00:21:22,680 --> 00:21:28,680

If this works, we're going to get a lockpick shooting through the guy's skull like a spear,

409

00:21:28,680 --> 00:21:31,680

and there's gonna be blood and udon everywhere.

410

00:21:31,680 --> 00:21:32,680

Here we go.

411

00:21:32,680 --> 00:21:35,680

Grant goes fishing.

412

00:21:35,680 --> 00:21:39,680

It's gotta be really hard to pick a lock when you can't feel or see it yourself.

413

00:21:39,680 --> 00:21:40,680

Nah.

414

00:21:42,680 --> 00:21:44,680

I hooked something. Check it out.

415

00:21:44,680 --> 00:21:45,680

Wait.

416

00:21:48,680 --> 00:21:50,680

Oh, it wasn't a lockpick.

417

00:21:50,680 --> 00:21:51,680

Looks like it got away.

418

00:21:51,680 --> 00:21:53,680

Remember, he's not trying to unlock the door.

419

00:21:53,680 --> 00:21:56,680

It's all about triggering the airbag.

420

00:21:56,680 --> 00:21:57,680

You getting frustrated?

421

00:21:57,680 --> 00:21:58,680

Frustration.

422

00:21:58,680 --> 00:21:59,680

Yes.

423

00:21:59,680 --> 00:22:04,680

But the airbag doesn't deploy, and the dummy's chin is still in one piece.

424

00:22:09,680 --> 00:22:12,680

You know, on the surface, the myth does seem feasible.

425

00:22:12,680 --> 00:22:15,680

Our researchers found five different cases on the internet where this happened.

426

00:22:15,680 --> 00:22:17,680

Two of them were guys trying to steal the cars.

427

00:22:17,680 --> 00:22:20,680

Three of them were cops trying to move cars which were blocking fire escapes.

428

00:22:20,680 --> 00:22:24,680

On closer inspection, though, there's absolutely no hard evidence for one of these stories.

429

00:22:24,680 --> 00:22:27,680

There's no news reports. There's no police reports. It's all hearsay.

430

00:22:27,680 --> 00:22:32,680

You know what else? Some of the cars that are mentioned don't even have side airbags.

431

00:22:32,680 --> 00:22:35,680

Hmm. Dubious at best.

432

00:22:36,680 --> 00:22:39,680

Grant decides to let his robot get rough.

433

00:22:39,680 --> 00:22:42,680

Let me get it a little bit more vigorous.

434

00:22:42,680 --> 00:22:47,680

Yeah, that's good, because if you were breaking into a car, you probably would be a little more frantic about it.

435

00:22:48,680 --> 00:22:53,680

Grant gives the remote control unit a thorough thumbing, with no result.

436

00:22:53,680 --> 00:22:58,680

I think I've pretty much done the entire range of motion back and forth, up, down.

437

00:22:58,680 --> 00:23:02,680

I think if it was going to set it off, it would have set off the airbag by now.

438

00:23:02,680 --> 00:23:07,680

I think any fireman would have opened the door by now, and definitely a criminal would have.

439

00:23:07,680 --> 00:23:10,680

Thomas, how come we're not able to set off the airbag?

440

00:23:10,680 --> 00:23:14,680

The airbag's actually inside the car, not inside the door.

441

00:23:14,680 --> 00:23:18,680

Well, what they have to do is... wait a second. What did you say?

442

00:23:19,680 --> 00:23:23,680

The airbag's actually inside the car, not inside the door.

443

00:23:23,680 --> 00:23:28,680

So you knew this all along, and this is what you're expecting? You watch us bumble around with this?

444

00:23:28,680 --> 00:23:32,680

Yeah, I was pretty certain that the airbag would not deploy.

445

00:23:37,680 --> 00:23:40,680

Later, Grant, Tori and Kerry get a foot in the door.

446

00:23:40,680 --> 00:23:43,680

But up next...

447

00:23:43,680 --> 00:23:46,680

We break out of jail! Oh, West Stop!

448

00:23:55,680 --> 00:23:57,680

Meanwhile, back at the ranch...

449

00:23:58,680 --> 00:24:01,680

Breaking out of jail. Tell us the story.

450

00:24:01,680 --> 00:24:08,680

Okay. Picture me having been put in jail wrongly by a corrupt sheriff under the pay of a local land baron.

451

00:24:08,680 --> 00:24:11,680

I'm rotting away in my cell, and you've got to break me out.

452

00:24:11,680 --> 00:24:16,680

So in the middle of the night, you come on your horse, you tie one end of a rope to the bars of my jail cell,

453

00:24:16,680 --> 00:24:23,680

and the other end of your horse, and you pull the bars right out of my jail cell wall, setting me free.

454

00:24:24,680 --> 00:24:29,680

When you're locked up in a low-down, filthy cell, what are you gonna do?

455

00:24:29,680 --> 00:24:35,680

Easy. Tie a rope onto the bars, last soon your horse, and get that trusty steed to back on up.

456

00:24:39,680 --> 00:24:43,680

Then bars are just gonna pop on out of the wall, and you're free as a bird.

457

00:24:44,680 --> 00:24:47,680

That's how it's done on the silver screen, ain't it all?

458

00:24:50,680 --> 00:24:53,680

So where do you want to start with this breaking out of jail myth?

459

00:24:53,680 --> 00:24:57,680

Well, first I think we need to learn a thing or two about Old West Jails.

460

00:24:57,680 --> 00:25:01,680

Fair enough. Then we'll replicate what we learned about, put them all into the test.

461

00:25:01,680 --> 00:25:05,680

In fact, there's a historic Old West Jail nearby in Monterey.

462

00:25:05,680 --> 00:25:06,680

Let's check it out.

463

00:25:07,680 --> 00:25:11,680

Jesse James Heidemann's come for a peek at a period prison.

464

00:25:11,680 --> 00:25:18,680

Now, this particular one was built in 1854, and I hope we'll learn a thing or two about how these jails were made.

465

00:25:18,680 --> 00:25:22,680

Conducting today's tour, local historian Jim Conway.

466

00:25:22,680 --> 00:25:29,680

We do have a jail that was built between 1854 and 1855, so it's one of the oldest jails in California.

467

00:25:29,680 --> 00:25:31,680

And one of the most secure.

468

00:25:32,680 --> 00:25:35,680

It was a state-of-the-art fortress.

469

00:25:35,680 --> 00:25:36,680

Wow, that's a door.

470

00:25:36,680 --> 00:25:40,680

Not one prisoner ever escaped. And you can see why.

471

00:25:40,680 --> 00:25:42,680

These would be the jail windows to the cells.

472

00:25:42,680 --> 00:25:45,680

Though sure ain't windows of opportunity.

473

00:25:45,680 --> 00:25:48,680

I made it a plate steel. There's no bars there. There's no bars.

474

00:25:48,680 --> 00:25:50,680

Oh, that's a problem.

475

00:25:50,680 --> 00:25:54,680

The roof is actually granite also, and the floor is granite.

476

00:25:54,680 --> 00:25:57,680

So it's like several feet of granite everywhere.

477

00:25:57,680 --> 00:25:59,680

That's correct. Bummer.

478

00:26:01,680 --> 00:26:06,680

Besides, you'd have to be thinner than a consumptive coyote to squeeze out through there.

479

00:26:06,680 --> 00:26:10,680

This is just a slit. I mean, it's solid granite. There's a slit.

480

00:26:10,680 --> 00:26:13,680

There's a bar right here that goes floor to ceiling.

481

00:26:13,680 --> 00:26:19,680

And then outside of that, there's plate steel. It's like, you're not getting through this.

482

00:26:19,680 --> 00:26:21,680

Thanks for the look, see Jim.

483

00:26:21,680 --> 00:26:26,680

But the mythbusters might be needing something a little more, well, rustic.

484

00:26:26,680 --> 00:26:29,680

So what'd you come up with on your reconnaissance mission?

485

00:26:29,680 --> 00:26:33,680

There were bars on that jail, but they were on the inside.

486

00:26:33,680 --> 00:26:36,680

I mean, there was nothing on the exterior that jail to tie onto.

487

00:26:36,680 --> 00:26:39,680

There's no way a horse is going to do anything.

488

00:26:39,680 --> 00:26:42,680

Well, we are in luck because while you were growing the researchers found us,

489

00:26:42,680 --> 00:26:45,680

I think something that's ideal for our needs.

490

00:26:45,680 --> 00:26:48,680

Fort Dodge, just outside of Dodge City.

491

00:26:48,680 --> 00:26:52,680

An original frontier jail built solely out of railroad ties.

492

00:26:52,680 --> 00:26:53,680

Is that it?

493

00:26:53,680 --> 00:26:56,680

That's it. It's got a one foot window with four steel bars in it.

494

00:26:56,680 --> 00:27:02,680

They don't go floor to ceiling. They're only augured in about an inch, inch and a half under the top and the bottom.

495

00:27:02,680 --> 00:27:06,680

And as you can see, it's like the perfect size for us.

496

00:27:06,680 --> 00:27:07,680

Works for me.

497

00:27:07,680 --> 00:27:11,680

We can totally build this and we can totally try and destroy it.

498

00:27:11,680 --> 00:27:12,680

Okay.

499

00:27:14,680 --> 00:27:17,680

The weeds around these parts might not tumble,

500

00:27:17,680 --> 00:27:22,680

but this old abandoned military base sure has the feel of a ghost town.

501

00:27:22,680 --> 00:27:24,680

That is, to the mythbusters ride.

502

00:27:27,680 --> 00:27:29,680

Yee-haw!

503

00:27:29,680 --> 00:27:31,680

Random cowboy.

504

00:27:32,680 --> 00:27:36,680

We're going to build a jail frontier style at a railroad ties.

505

00:27:36,680 --> 00:27:41,680

We're going to auger some bars into a small window.

506

00:27:41,680 --> 00:27:44,680

And Jamie and I are going to try and break out of that jail.

507

00:27:45,680 --> 00:27:51,680

Using authentic building materials, the mythbusters set about replicating the Fort Dodge jail.

508

00:27:52,680 --> 00:27:57,680

Alright, so I'm thinking, you know, the jail we're trying to replicate had a window that's about 12 inches square.

509

00:27:57,680 --> 00:27:59,680

These beams are just a little over six inches high.

510

00:27:59,680 --> 00:28:02,680

Window maybe about 18 inches wide.

511

00:28:02,680 --> 00:28:04,680

Two beams high.

512

00:28:04,680 --> 00:28:05,680

Okay.

513

00:28:09,680 --> 00:28:12,680

Yeah, there we go. Now I'm in a rhythm.

514

00:28:12,680 --> 00:28:13,680

Woo!

515

00:28:13,680 --> 00:28:15,680

Oh my God.

516

00:28:15,680 --> 00:28:17,680

It's going to be sore tomorrow.

517

00:28:17,680 --> 00:28:19,680

It's basic frontier construction.

518

00:28:19,680 --> 00:28:23,680

No mortar, no nails, just a round peg and a round hole.

519

00:28:27,680 --> 00:28:31,680

Now I know you might be yelling at your TV right now that this doesn't look like a jail that you've been to,

520

00:28:31,680 --> 00:28:37,680

but this is an exact replica of the Fort Dodge jail built in 1865.

521

00:28:37,680 --> 00:28:41,680

Now we didn't construct the entire jail, we just constructed one wall which we braced with steel.

522

00:28:41,680 --> 00:28:45,680

But the bars are an accurate spacing, they're accurate size,

523

00:28:45,680 --> 00:28:49,680

they're accurate material, and we're going to try and pull them out of that wall.

524

00:28:49,680 --> 00:28:56,680

For this myth to be true, our horse or horses need to be able to yank these bars out of this window here

525

00:28:56,680 --> 00:29:00,680

and create enough of a space for our prisoner to actually escape.

526

00:29:03,680 --> 00:29:08,680

Now we know from watching countless westerns that a horse is much more than a mode of transport.

527

00:29:09,680 --> 00:29:16,680

The cowboy and his horse share an unbridled love, but could they join forces to stage a jailbreak?

528

00:29:17,680 --> 00:29:24,680

Luckily a couple of hombres are willing to let Adam and Jamie use their trusty steeds to test this cowboy cliché.

529

00:29:24,680 --> 00:29:27,680

You must be our cowboy that's going to help us break out of jail.

530

00:29:27,680 --> 00:29:29,680

That's correct. I'm Old Buckaroo.

531

00:29:29,680 --> 00:29:31,680

Old Buckaroo, Adam?

532

00:29:31,680 --> 00:29:32,680

Ozark Outlaw.

533

00:29:32,680 --> 00:29:35,680

Ozark Outlaw. Who are these guys?

534

00:29:35,680 --> 00:29:37,680

This is Snaky Poo the Wonder Horse.

535

00:29:37,680 --> 00:29:39,680

Hey handsome, how you doing?

536

00:29:39,680 --> 00:29:40,680

And this guy?

537

00:29:40,680 --> 00:29:43,680

This is Sully, he's a 17 year old rule horse.

538

00:29:43,680 --> 00:29:48,680

Our own horse whisperers go to saddle up for the first jailbreak attempt.

539

00:29:49,680 --> 00:29:56,680

I'd love to attach a scale between the bars and you and the horse so I can tell how many pounds of force

540

00:29:56,680 --> 00:29:59,680

you're putting on pulling those bars out with the horse.

541

00:29:59,680 --> 00:30:01,680

Okay, well let's set it up.

542

00:30:01,680 --> 00:30:02,680

Alright.

543

00:30:02,680 --> 00:30:03,680

You got it or you need my help?

544

00:30:03,680 --> 00:30:05,680

No, you can stay right there.

545

00:30:05,680 --> 00:30:08,680

Alright, where you want to go?

546

00:30:08,680 --> 00:30:13,680

Adam throws a rope around the bars and ties the other end to a force gauge.

547

00:30:13,680 --> 00:30:16,680

A second rope links the force gauge to Jamie's saddle.

548

00:30:16,680 --> 00:30:18,680

Alright, so are we ready?

549

00:30:18,680 --> 00:30:20,680

Whenever you're ready sir.

550

00:30:20,680 --> 00:30:23,680

Remember, this is what we want to happen.

551

00:30:23,680 --> 00:30:26,680

The horse backs up and it's bye bye jail bars.

552

00:30:29,680 --> 00:30:33,680

Let's see partners, can steed beat steel?

553

00:30:33,680 --> 00:30:35,680

Alright, let's break me out of jail.

554

00:30:35,680 --> 00:30:37,680

Come on boy.

555

00:30:37,680 --> 00:30:38,680

That's it, come on.

556

00:30:38,680 --> 00:30:42,680

Jamie gets snakey poo to back on up.

557

00:30:42,680 --> 00:30:47,680

The horse strains against the rope but those bars ain't so much as bending.

558

00:30:47,680 --> 00:30:50,680

He's only putting about 400 pounds on it.

559

00:30:50,680 --> 00:30:53,680

400 pounds right to the saddle.

560

00:30:53,680 --> 00:30:59,680

You know the saddle wants to go one way or another, it's not designed to do anything other than hold a person on there.

561

00:30:59,680 --> 00:31:02,680

And it was in process of pulling the saddle off.

562

00:31:02,680 --> 00:31:06,680

Next up, two cowboys on the bars.

563

00:31:06,680 --> 00:31:10,680

Alright, cowboys, break me out of jail.

564

00:31:10,680 --> 00:31:14,680

We got ourselves two lots of even horse flesh.

565

00:31:14,680 --> 00:31:17,680

Come on jail there, come on.

566

00:31:17,680 --> 00:31:20,680

But it looks like our inmate is staying in for the evening.

567

00:31:20,680 --> 00:31:23,680

We're up to about 500 pounds.

568

00:31:23,680 --> 00:31:26,680

Actually we just busted 500 pounds.

569

00:31:26,680 --> 00:31:29,680

Maybe we need to use something other than a horse.

570

00:31:29,680 --> 00:31:35,680

In fact, I got something over here that I think we can, you might be able to do a little bit more than that.

571

00:31:35,680 --> 00:31:39,680

Jamie wheels out some, yes you guessed it, modern horse power.

572

00:31:39,680 --> 00:31:45,680

What we've got here is a machine that actually weighs as much as a single good sized horse.

573

00:31:45,680 --> 00:31:50,680

And we don't have to worry about yanking the saddle off of it or breaking the horse's back or something like that.

574

00:31:50,680 --> 00:31:54,680

We can actually get it rolling and jerk on these bars a little.

575

00:31:55,680 --> 00:32:00,680

As long as we're using the power of a horse to break out of jail, we can talk about horse power.

576

00:32:00,680 --> 00:32:07,680

A term invented in 1782 by James Watt, who actually also invented the term the Watt, an electrical unit.

577

00:32:07,680 --> 00:32:13,680

Yeah, Watt based his measurement on the amount of work that a horse could do with a millstone or a millwheel.

578

00:32:13,680 --> 00:32:19,680

And it amounted to lifting 33,000 pounds one foot in one minute.

579

00:32:19,680 --> 00:32:23,680

Now that's not to say that a single horse is always producing a single horse power.

580

00:32:23,680 --> 00:32:29,680

It's been shown that horses in peak loads for a few seconds can put out as much as 15 horsepower.

581

00:32:29,680 --> 00:32:34,680

Yeah, and for reference the ATV we were using had about 18 horsepower.

582

00:32:34,680 --> 00:32:41,680

The forklift had about 125 and not that it's really relevant but it's interesting anyway.

583

00:32:41,680 --> 00:32:49,680

A human can put out about 0.1 horsepower for a long period of time, about 0.3 if he's an athlete.

584

00:32:49,680 --> 00:32:55,680

And put out as much as 1.2 horsepower for a very brief period.

585

00:32:55,680 --> 00:33:03,680

So now that we're all clear on horse power, the rope is attached to the all-terrain vehicle and Jamie digs in his spurs.

586

00:33:06,680 --> 00:33:07,680

What was that?

587

00:33:07,680 --> 00:33:11,680

Well, you got it to 900 pounds but then the rope broke.

588

00:33:11,680 --> 00:33:13,680

I think we're going to need a stronger rope.

589

00:33:14,680 --> 00:33:22,680

900 pounds. That's almost twice the amount of horse force our four-legged friends were able to generate.

590

00:33:22,680 --> 00:33:24,680

The better blue rope.

591

00:33:24,680 --> 00:33:27,680

This rope is rated for 6,000 pounds.

592

00:33:27,680 --> 00:33:29,680

Okay, whenever you're ready.

593

00:33:36,680 --> 00:33:39,680

Seems like the guys are just spinning their wheels.

594

00:33:41,680 --> 00:33:42,680

What did we get up to?

595

00:33:42,680 --> 00:33:46,680

I think we broke 1,000 pounds there. I think you put like 1,200 pounds on it.

596

00:33:46,680 --> 00:33:54,680

Well, our modern 4x4 horseless carriage was able to put on well more than double the amount of pulling force that two horses did.

597

00:33:56,680 --> 00:33:59,680

And still our jail is in place.

598

00:34:00,680 --> 00:34:02,680

And we exceeded what our scale can measure.

599

00:34:02,680 --> 00:34:08,680

So it's time to bump up to a new scale and we have one more vehicle I think which we can test this myth with.

600

00:34:13,680 --> 00:34:14,680

I think this ought to do.

601

00:34:15,680 --> 00:34:20,680

The sling on the bars is rated at 16,000 pounds. The scale can measure up to 20,000 pounds.

602

00:34:20,680 --> 00:34:22,680

That thing weighs about 28,000 pounds.

603

00:34:22,680 --> 00:34:24,680

I'd say we've got enough force to apply it in this myth.

604

00:34:25,680 --> 00:34:27,680

Cowboys had their horses.

605

00:34:29,680 --> 00:34:32,680

Jamie has a giant mechanical workhorse.

606

00:34:32,680 --> 00:34:33,680

We're good.

607

00:34:33,680 --> 00:34:36,680

We'll rip out the bars and set our friend free.

608

00:34:37,680 --> 00:34:39,680

The sling goes taut.

609

00:34:40,680 --> 00:34:42,680

Once again the bars don't buckle.

610

00:34:43,680 --> 00:34:46,680

But the steel beams supporting the wall do.

611

00:34:46,680 --> 00:34:48,680

Those bars aren't going anywhere.

612

00:34:48,680 --> 00:34:51,680

And the whole structure starts to come down.

613

00:34:51,680 --> 00:34:55,680

Wall failed at 4,000 pounds and the bars haven't budged.

614

00:34:55,680 --> 00:34:57,680

4,000 pounds is a lot of horses.

615

00:34:58,680 --> 00:35:00,680

That's a lot more than what we see in the movies.

616

00:35:00,680 --> 00:35:05,680

This is the most makeshift jail that our researchers could turn up for this myth.

617

00:35:05,680 --> 00:35:09,680

Well, I guess I'm still stuck in jail. My avocado crop's going to rot.

618

00:35:09,680 --> 00:35:11,680

Whoa, not so fast, Adam.

619

00:35:11,680 --> 00:35:15,680

We're not ready to give up on a Wild West prison break just yet.

620

00:35:15,680 --> 00:35:19,680

Coming up on Mythbusters, can I break Jamie out of jail with justice sticking down to my...

621

00:35:19,680 --> 00:35:21,680

We'll find out. Here goes!

622

00:35:22,680 --> 00:35:27,680

And after the break, the guys get a real kick out of the lockpick of death.

623

00:35:35,680 --> 00:35:39,680

After trying in vain to trigger some airbag bloodshed with a lockpick...

624

00:35:40,680 --> 00:35:42,680

What are they doing?

625

00:35:42,680 --> 00:35:47,680

The Mythbusters have discovered that a side airbag is not actually inside the car door.

626

00:35:47,680 --> 00:35:50,680

It's in the car, hidden behind the upholstery.

627

00:35:50,680 --> 00:35:51,680

This is the airbag.

628

00:35:51,680 --> 00:35:56,680

Okay, well, it seems that jiggling around the lockpick isn't enough to set off the airbag.

629

00:35:56,680 --> 00:35:58,680

This one is looking busted.

630

00:35:58,680 --> 00:35:59,680

Not so fast.

631

00:35:59,680 --> 00:36:02,680

Now, we know that airbags are set off by impact.

632

00:36:02,680 --> 00:36:05,680

What if the crook is creating its own impact?

633

00:36:05,680 --> 00:36:07,680

Like, it gets really mad, starts kicking the door.

634

00:36:07,680 --> 00:36:09,680

That is a great idea.

635

00:36:09,680 --> 00:36:12,680

But, you know, I think it's too dangerous for any one of us to kick the door.

636

00:36:12,680 --> 00:36:16,680

So what I'll do is I'll modify the sword-swinging rig and turn it into a kicking machine.

637

00:36:16,680 --> 00:36:18,680

Yeah, super kicking rig!

638

00:36:18,680 --> 00:36:19,680

I like it.

639

00:36:20,680 --> 00:36:22,680

So, scenario B.

640

00:36:22,680 --> 00:36:26,680

Unable to break into the car, our frustrated felon kicks the door.

641

00:36:26,680 --> 00:36:31,680

And that impact triggers the airbag, really giving him a problem to get his head around.

642

00:36:32,680 --> 00:36:36,680

This air-powered rig has been used to swing swords.

643

00:36:36,680 --> 00:36:38,680

And, have cameras.

644

00:36:41,680 --> 00:36:43,680

Now, the shoes on the other foot.

645

00:36:43,680 --> 00:36:46,680

Who's gonna lose their teeth today?

646

00:36:46,680 --> 00:36:51,680

We need to make sure our rig is calibrated to what a human can actually kick.

647

00:36:51,680 --> 00:36:55,680

Carrie and Tori take turns sinking the boot into a force plate.

648

00:36:55,680 --> 00:36:57,680

Anytime, actually.

649

00:36:58,680 --> 00:37:01,680

That's, uh, you peaked at 485 newtons.

650

00:37:01,680 --> 00:37:05,680

Imagine what a guy could do if I had steel toes.

651

00:37:05,680 --> 00:37:07,680

You ready? Yep.

652

00:37:08,680 --> 00:37:10,680

That's a good one.

653

00:37:10,680 --> 00:37:14,680

You peaked at 1056 newtons.

654

00:37:14,680 --> 00:37:16,680

More than twice what Carrie did.

655

00:37:16,680 --> 00:37:17,680

Oh my gosh!

656

00:37:17,680 --> 00:37:19,680

Wow, you're so...

657

00:37:19,680 --> 00:37:21,680

I think I might have done twice as much damage to you as well.

658

00:37:21,680 --> 00:37:23,680

A thousand newtons of force.

659

00:37:23,680 --> 00:37:25,680

That's what the kick rig has to match.

660

00:37:25,680 --> 00:37:30,680

Air pressure of 25 pounds per square inch will get the job done.

661

00:37:31,680 --> 00:37:33,680

So we're gonna keep the head in place.

662

00:37:33,680 --> 00:37:35,680

We're gonna keep the lockpick in place.

663

00:37:35,680 --> 00:37:39,680

And now we're gonna bring in a machine to do a little kicking.

664

00:37:40,680 --> 00:37:44,680

Is a thousand newtons of force enough to sit off a side airbag?

665

00:37:44,680 --> 00:37:47,680

Is the lockpick about to borrow into our dummy's brain?

666

00:37:47,680 --> 00:37:50,680

They're about to take a punt.

667

00:37:51,680 --> 00:37:52,680

Well, the rig is.

668

00:37:52,680 --> 00:37:55,680

Here we go. In three, two, one.

669

00:37:56,680 --> 00:37:58,680

Oh!

670

00:37:58,680 --> 00:38:01,680

We just dented the car door.

671

00:38:01,680 --> 00:38:04,680

The airbag didn't deploy, the lockpick didn't launch.

672

00:38:04,680 --> 00:38:07,680

That dummy still got his head together.

673

00:38:07,680 --> 00:38:11,680

I say we ramp it up from 25 to 125.

674

00:38:11,680 --> 00:38:12,680

Yeah!

675

00:38:12,680 --> 00:38:16,680

So way beyond anything any human could possibly do.

676

00:38:16,680 --> 00:38:17,680

Superhuman.

677

00:38:17,680 --> 00:38:21,680

Carrie ups the air pressure to 125 psi.

678

00:38:21,680 --> 00:38:23,680

Oh, we're closing it on 100.

679

00:38:23,680 --> 00:38:27,680

That boots about to get five times more forceful.

680

00:38:35,680 --> 00:38:36,680

Damn!

681

00:38:36,680 --> 00:38:37,680

Oh my god!

682

00:38:37,680 --> 00:38:39,680

What just happened?

683

00:38:39,680 --> 00:38:40,680

Nothing.

684

00:38:40,680 --> 00:38:42,680

Did he kick himself in the head?

685

00:38:42,680 --> 00:38:46,680

The car might not be intact, but the car thieves only a little shaken up.

686

00:38:47,680 --> 00:38:51,680

Well, kicking the door does not set off the airbag.

687

00:38:51,680 --> 00:38:53,680

In any way at all.

688

00:38:53,680 --> 00:38:55,680

And that was a superhuman strike.

689

00:38:55,680 --> 00:38:59,680

As a last resort, they rigged the airbag to go off remotely,

690

00:38:59,680 --> 00:39:03,680

with the lockpick and the dummy in position just to see what would happen.

691

00:39:03,680 --> 00:39:05,680

Two, one.

692

00:39:06,680 --> 00:39:08,680

We like the transfer.

693

00:39:09,680 --> 00:39:10,680

And there you have it.

694

00:39:10,680 --> 00:39:13,680

Lockpick and airbag are not in the same vicinity.

695

00:39:13,680 --> 00:39:17,680

It takes an automotive impact of tremendous strength.

696

00:39:18,680 --> 00:39:20,680

There's no human way to do it.

697

00:39:20,680 --> 00:39:25,680

You need to strike the vehicle with the G-forces in excess of 8Gs.

698

00:39:25,680 --> 00:39:27,680

That's a lot of energy.

699

00:39:27,680 --> 00:39:29,680

So this one's double busted.

700

00:39:29,680 --> 00:39:32,680

Not only can a lockpick not set off a side impact airbag,

701

00:39:32,680 --> 00:39:35,680

but an impact from a human can't set it off either.

702

00:39:35,680 --> 00:39:37,680

Well, the airbag is deploying inside the car.

703

00:39:37,680 --> 00:39:40,680

The direction is not up towards the lockpick,

704

00:39:40,680 --> 00:39:42,680

so the lockpick would never get launched into your skull.

705

00:39:42,680 --> 00:39:43,680

It's busted.

706

00:39:43,680 --> 00:39:45,680

Well, that means it's my favorite part of the myth.

707

00:39:45,680 --> 00:39:48,680

This is where we get to replicate the results.

708

00:39:48,680 --> 00:39:50,680

I did not make those brains for nothing.

709

00:39:51,680 --> 00:39:54,680

So to pick our car thief's brain once and for all,

710

00:39:54,680 --> 00:39:57,680

the plan is to, yes, build an air cannon.

711

00:39:57,680 --> 00:40:01,680

That'll fire that lockpick straight into the dummy's skull.

712

00:40:01,680 --> 00:40:06,680

To get this lockpick up to lethal velocity,

713

00:40:06,680 --> 00:40:10,680

we're going to need as much air as possible going through here as quickly as we can.

714

00:40:11,680 --> 00:40:16,680

The lockpick is set in a foam sabote, which fits snugly down the barrel.

715

00:40:17,680 --> 00:40:19,680

All right, load her in.

716

00:40:23,680 --> 00:40:26,680

Here's a chance that the barrel itself might explode.

717

00:40:27,680 --> 00:40:29,680

Once again, the dummy's going to lead with his chin.

718

00:40:29,680 --> 00:40:32,680

He's lined up directly over the barrel.

719

00:40:32,680 --> 00:40:34,680

I would say let's strap it.

720

00:40:34,680 --> 00:40:36,680

Nah, that's good, dude. It's perfect.

721

00:40:36,680 --> 00:40:40,680

Ouch! If that lockpick launches, it just can't miss.

722

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

But will it be able to appear solid bone?

723

00:40:43,680 --> 00:40:47,680

The cannons primed with maximum air pressure, 125 psi.

724

00:40:47,680 --> 00:40:50,680

Will that be enough to blow that dummy's mind?

725

00:40:51,680 --> 00:40:55,680

This is lockpick of death, the final blow.

726

00:40:55,680 --> 00:40:59,680

Here we go. In three, two, one.

727

00:41:05,680 --> 00:41:07,680

It got a take!

728

00:41:07,680 --> 00:41:08,680

It did it!

729

00:41:08,680 --> 00:41:09,680

It did it!

730

00:41:09,680 --> 00:41:11,680

It shot straight up through the top of the head.

731

00:41:13,680 --> 00:41:16,680

Dude, it's totally curbed to a skull.

732

00:41:16,680 --> 00:41:18,680

Oh, that is it!

733

00:41:18,680 --> 00:41:19,680

It's dripping blood!

734

00:41:19,680 --> 00:41:21,680

That's what you wanted.

735

00:41:21,680 --> 00:41:26,680

I know that an airbag won't do that, but I guess an air gun will.

736

00:41:27,680 --> 00:41:32,680

If ever there was a Mythbusters experiment that does what it says on the tin, this is it.

737

00:41:33,680 --> 00:41:35,680

The skull is skewered.

738

00:41:36,680 --> 00:41:40,680

Looks like it took 125 psi for me to meet my demise.

739

00:41:40,680 --> 00:41:44,680

Now that's so far out of the realm of reality, it's just ridiculous.

740

00:41:44,680 --> 00:41:48,680

Yeah, you know, the whole idea of, you know, in the middle of breaking into a car,

741

00:41:48,680 --> 00:41:53,680

the airbag going off and launching the lockpick into your head, I mean, it's just busted.

742

00:41:53,680 --> 00:41:55,680

It's busted.

743

00:41:55,680 --> 00:41:57,680

It's busted like me!

744

00:42:03,680 --> 00:42:07,680

Outside of a cinema, there's no way a horse can muster enough horsepower

745

00:42:07,680 --> 00:42:10,680

to pull the bars clean out of the jail wall.

746

00:42:10,680 --> 00:42:13,680

Maybe we need to use something other than a horse.

747

00:42:13,680 --> 00:42:18,680

But Adam and Jamie haven't given up hope of staging a breakout.

748

00:42:19,680 --> 00:42:21,680

Those bars aren't going anywhere!

749

00:42:21,680 --> 00:42:27,680

In their final Western Myth, they'll try to remove the bars using a stick of dynamite.

750

00:42:28,680 --> 00:42:32,680

Question is, can you blow a hole in the wall that's big enough to crawl through

751

00:42:32,680 --> 00:42:35,680

without harming the incarcerated cowboy?

752

00:42:35,680 --> 00:42:39,680

Well, we've come out to the Alameda County Sheriff's Bomb Range to do this experiment.

753

00:42:39,680 --> 00:42:41,680

And we're going to build a real frontier jail.

754

00:42:41,680 --> 00:42:45,680

Three walls, the last wall you notice for the bars, the Sheriff's Office.

755

00:42:45,680 --> 00:42:50,680

Out of railroad ties, and we're going to try out the equivalent of a stick of dynamite

756

00:42:50,680 --> 00:42:52,680

and see if that'll break me out.

757

00:42:52,680 --> 00:42:57,680

Explosives expert Sergeant J.D. Nelson has graved doubts about this movie myth.

758

00:42:57,680 --> 00:42:59,680

And I mean, great.

759

00:43:00,680 --> 00:43:02,680

Well, I think you could definitely get in the jail now,

760

00:43:02,680 --> 00:43:06,680

whether you can do that without killing somebody that's in the cell is a whole other story.

761

00:43:06,680 --> 00:43:08,680

Well, that's what we're here to find out.

762

00:43:12,680 --> 00:43:16,680

Once again, they'll base their design on the Fort Dodge Jail.

763

00:43:17,680 --> 00:43:20,680

Things are moving quicker than a whiskey shot along a saloon bar.

764

00:43:20,680 --> 00:43:24,680

Before you know it, they've built themselves three walls and a barred window.

765

00:43:24,680 --> 00:43:27,680

This is like a really cool, sadistic playhouse.

766

00:43:27,680 --> 00:43:30,680

The percentage is on dynamite breaking your friend out of prison?

767

00:43:30,680 --> 00:43:32,680

I don't think it's going to...

768

00:43:32,680 --> 00:43:34,680

Hey, get back in there!

769

00:43:34,680 --> 00:43:35,680

Alright.

770

00:43:35,680 --> 00:43:37,680

I don't think it's going to work, personally.

771

00:43:37,680 --> 00:43:45,680

I give it about a 20% chance of actually working a 60% chance of damaging the wood until we have to replace it.

772

00:43:46,680 --> 00:43:51,680

And a 20% chance that something we did not foresee will flummox us completely.

773

00:43:51,680 --> 00:43:53,680

Get back in there!

774

00:43:54,680 --> 00:43:59,680

For this myth to be true, we need to blow out these bars or the window around them

775

00:43:59,680 --> 00:44:01,680

without killing the guy inside the jail.

776

00:44:01,680 --> 00:44:05,680

And we need to create a big enough hole that he can actually fit through.

777

00:44:05,680 --> 00:44:09,680

Obviously, neither Adam or Jamie will be in the cell when the charge goes off.

778

00:44:09,680 --> 00:44:14,680

I'm coming to bust you out, little buddy. You just sit tight and plug your ears.

779

00:44:14,680 --> 00:44:17,680

It'll be Buster's job to get banged up.

780

00:44:17,680 --> 00:44:20,680

It looks like the vigilantes have already got to him.

781

00:44:20,680 --> 00:44:23,680

Buster, if you don't want to do the time, you don't do the crime.

782

00:44:23,680 --> 00:44:30,680

Now, if you were in a jail cell and dynamite was about to go off at the window, where would be the safest spot?

783

00:44:30,680 --> 00:44:32,680

I think we should turn them over and have them sitting up in the corner.

784

00:44:32,680 --> 00:44:36,680

That's where I'd want to be if there was dynamite coming in the window, like against this wall, don't you think?

785

00:44:36,680 --> 00:44:37,680

Yeah.

786

00:44:37,680 --> 00:44:41,680

Buster should be out of the firing line if the cell's showered with shrapnel.

787

00:44:41,680 --> 00:44:45,680

Shock watch stickers on his chest and head will measure the force of the blast.

788

00:44:45,680 --> 00:44:49,680

Red registers a shock of 50 Gs, which is survivable.

789

00:44:49,680 --> 00:44:53,680

Orange is a bone-splintering 75 Gs.

790

00:44:53,680 --> 00:44:56,680

Green trips at a lethal 100 Gs.

791

00:44:56,680 --> 00:45:00,680

50, 75, and 100 all inside of his face.

792

00:45:00,680 --> 00:45:06,680

So the theory here is if he sustains any kind of lethal shockwave G load, we should be able to see it in the shock watch stickers.

793

00:45:06,680 --> 00:45:07,680

That's it.

794

00:45:09,680 --> 00:45:12,680

Our stick of dynamite isn't actually dynamite.

795

00:45:12,680 --> 00:45:17,680

It's a secret explosive compound that's more stable than the real thing.

796

00:45:17,680 --> 00:45:18,680

Right.

797

00:45:18,680 --> 00:45:20,680

It has the same properties as dynamite.

798

00:45:20,680 --> 00:45:22,680

It has the same feet per second.

799

00:45:22,680 --> 00:45:25,680

In fact, I even have it disguised as dynamite.

800

00:45:25,680 --> 00:45:27,680

The charge is laid.

801

00:45:27,680 --> 00:45:30,680

Don't you try and break out now.

802

00:45:30,680 --> 00:45:33,680

And the team hightails it to a safe distance.

803

00:45:33,680 --> 00:45:35,680

Will Buster be busted out of jail?

804

00:45:35,680 --> 00:45:38,680

Or will our detainee be detonated?

805

00:45:38,680 --> 00:45:39,680

Okay.

806

00:45:39,680 --> 00:45:45,680

We're going to blow ourselves out of jail with the one stick of dynamite in three, two, one.

807

00:45:49,680 --> 00:45:50,680

Look at that.

808

00:45:52,680 --> 00:45:54,680

Well, the jail's still there.

809

00:45:54,680 --> 00:45:56,680

The jail is definitely still there.

810

00:45:56,680 --> 00:45:57,680

Let's go look.

811

00:45:57,680 --> 00:45:58,680

Let's check it out.

812

00:45:58,680 --> 00:45:59,680

What do you think?

813

00:45:59,680 --> 00:46:01,680

You think the bars are still there?

814

00:46:01,680 --> 00:46:06,680

The blast doesn't look to have done a whole lot of damage, not by myth Buster's standards anyway.

815

00:46:06,680 --> 00:46:08,680

Some of those bars are coming out of there.

816

00:46:08,680 --> 00:46:09,680

Dude, wait, wait, wait, wait.

817

00:46:09,680 --> 00:46:10,680

Don't pull from there.

818

00:46:10,680 --> 00:46:11,680

Why?

819

00:46:11,680 --> 00:46:13,680

Let's see if I can get out from inside.

820

00:46:17,680 --> 00:46:18,680

One bar.

821

00:46:18,680 --> 00:46:19,680

Go on.

822

00:46:19,680 --> 00:46:22,680

Adam makes like duck holiday, pull it out some loose teeth.

823

00:46:25,680 --> 00:46:26,680

There you go.

824

00:46:26,680 --> 00:46:27,680

That's it.

825

00:46:27,680 --> 00:46:28,680

Okay, here you go.

826

00:46:28,680 --> 00:46:29,680

Now.

827

00:46:30,680 --> 00:46:32,680

I'm going to try and climb out.

828

00:46:32,680 --> 00:46:34,680

Here, take my hat.

829

00:46:36,680 --> 00:46:41,680

The bars may be gone, but is that wide open space wide enough for Adam's abdomen?

830

00:46:41,680 --> 00:46:44,680

How much were you going to bet me whether you can get through there or not?

831

00:46:44,680 --> 00:46:46,680

This is going to be tough.

832

00:46:46,680 --> 00:46:50,680

It's that prison food that's kind of fattened you up.

833

00:46:50,680 --> 00:46:52,680

All those beans.

834

00:46:53,680 --> 00:46:57,680

So one stick of dynamite is enough to loosen the bars.

835

00:46:57,680 --> 00:47:02,680

And it is possible, eventually, to make it out through the window.

836

00:47:02,680 --> 00:47:04,680

I could totally get out now.

837

00:47:04,680 --> 00:47:06,680

That's two ticks for the myth.

838

00:47:06,680 --> 00:47:07,680

Okay, move forward.

839

00:47:07,680 --> 00:47:09,680

Move forward over here.

840

00:47:09,680 --> 00:47:11,680

Yeah, form a little table form.

841

00:47:11,680 --> 00:47:12,680

All right.

842

00:47:15,680 --> 00:47:16,680

Okay.

843

00:47:16,680 --> 00:47:17,680

Freedom.

844

00:47:17,680 --> 00:47:18,680

Yes.

845

00:47:18,680 --> 00:47:22,680

That was some nice precision demolition there, dude.

846

00:47:22,680 --> 00:47:24,680

But hold your horses, guys.

847

00:47:24,680 --> 00:47:30,680

Remember, for this myth to be confirmed, Buster has to have survived that explosion, right?

848

00:47:30,680 --> 00:47:32,680

Buster is totally dead, dude.

849

00:47:32,680 --> 00:47:34,680

That's the 100G trip.

850

00:47:35,680 --> 00:47:36,680

He did not survive.

851

00:47:36,680 --> 00:47:40,680

He took 100 to the face and he took 75 to the chest.

852

00:47:40,680 --> 00:47:43,680

I'm sorry, Buster.

853

00:47:43,680 --> 00:47:48,680

The concussive force of a single stick of dynamite has saved the hangman the trouble.

854

00:47:48,680 --> 00:47:53,680

You have to keep in mind also that we just barely blew out those bars.

855

00:47:53,680 --> 00:47:55,680

That was precision demolition.

856

00:47:55,680 --> 00:48:01,680

You could not have him escape through that hole with any less explosion, and that explosion killed him.

857

00:48:01,680 --> 00:48:03,680

This actually worked perfectly.

858

00:48:03,680 --> 00:48:08,680

It worked just like we planned, but in my mind, this is silly as heck.

859

00:48:08,680 --> 00:48:17,680

You killed your buddy, and furthermore, with all this ordeal with dynamite and, you know, noise and potentially killing your buddy,

860

00:48:17,680 --> 00:48:22,680

it would have taken me about five minutes with an axe to dig a hole like this.

861

00:48:22,680 --> 00:48:29,680

Like a frontier town, our final cowboy myth has gone from boon to bust.

862

00:48:30,680 --> 00:48:34,680

So breaking out of an old West jail turned out to be harder than we thought, huh?

863

00:48:34,680 --> 00:48:38,680

Yeah, personally, I'd rather have one of these than anything that we tried.

864

00:48:38,680 --> 00:48:43,680

Yeah, as far as ropes go, one horse didn't work, two horses didn't work,

865

00:48:43,680 --> 00:48:48,680

and even our 30,000-pound holler didn't successfully remove the bars from the wall.

866

00:48:48,680 --> 00:48:55,680

Yeah, and we chose our design of a frontier jail as specifically the one that was most vulnerable to having its bars pulled out.

867

00:48:55,680 --> 00:49:01,680

Yup, and explosives, they removed the bars okay, but...

868

00:49:01,680 --> 00:49:04,680

You're not leaving that jail through the window, you're leaving in a pine box.

869

00:49:04,680 --> 00:49:06,680

Yeah, myth busted.

870

00:49:06,680 --> 00:49:09,680

So are two techniques that you've seen in the movies for busting your buddy out of jail?

871

00:49:09,680 --> 00:49:11,680

Totally busted.

872

00:49:11,680 --> 00:49:26,680

Mythbusters books and DVDs are available at Dimmix and DVDs at JB Hi-Fi.