

1

00:00:00,000 --> 00:00:03,660

I know it looks like we have fun on this show, but we spend weeks and

2

00:00:03,660 --> 00:00:07,420

sometimes months planning how to do our myths safely.

3

00:00:07,420 --> 00:00:10,380

So please, don't try this at home.

4

00:00:10,380 --> 00:00:17,100

On this wet and wild episode of Mythbusters.

5

00:00:17,100 --> 00:00:22,700

I'm alive, right?

6

00:00:22,700 --> 00:00:28,820

It's the biggest, dirtiest, most vertigo inducing build in Mythbusters history.

7

00:00:28,820 --> 00:00:30,760

That's one heck of a ramp.

8

00:00:30,760 --> 00:00:34,200

Testing the fantastical flight in this viral video.

9

00:00:38,280 --> 00:00:39,800

This is fun.

10

00:00:39,800 --> 00:00:43,580

Meanwhile, Carrie, Tori, and Grant deliver the goods.

11

00:00:43,580 --> 00:00:46,820

We're gonna get stuck on Lombard.

12

00:00:46,820 --> 00:00:49,360

Finding out if going the extra distance and

13

00:00:49,360 --> 00:00:51,280

taking only right hand turns.

14

00:00:51,280 --> 00:00:53,760

MCS is coming through.

15

00:00:53,760 --> 00:00:55,480

Can save you gas.

16

00:00:55,480 --> 00:00:56,320

There you go.

17

00:00:56,320 --> 00:00:58,320

Who knew packages could be so exciting?

18

00:01:01,320 --> 00:01:04,120

Who are the Mythbusters?

19

00:01:04,120 --> 00:01:05,240

Adam Savage.

20

00:01:05,240 --> 00:01:07,360

70% chance of science.

21

00:01:07,360 --> 00:01:08,960

And Jamie Heidemann.

22

00:01:08,960 --> 00:01:10,160

We're gonna have an adventure.

23

00:01:10,160 --> 00:01:13,760

Between them more than 30 years of special effects experience.

24

00:01:13,760 --> 00:01:18,760

Joining them, Grant Imahara.

25

00:01:18,760 --> 00:01:20,360

Formidable projectile.

26

00:01:20,360 --> 00:01:21,680

Carrie Byron.

27

00:01:21,680 --> 00:01:22,080

Let's do it.

28

00:01:22,080 --> 00:01:23,200

And Tori Belachie.

29

00:01:23,200 --> 00:01:25,040

We'll be ready for that one, Carrie.

30

00:01:25,040 --> 00:01:27,600

They don't just tell the Myths.

31

00:01:27,600 --> 00:01:29,360

They put them to the test.

32

00:01:43,240 --> 00:01:44,760

You're wearing a face mask.

33

00:01:44,760 --> 00:01:46,400

You're very observant.

34

00:01:46,400 --> 00:01:47,160

Why?

35

00:01:47,160 --> 00:01:49,800

Why are you observant or why am I wearing a face mask?

36

00:01:49,800 --> 00:01:55,160

Okay, I'm wearing a face mask because we're doing a fairly

37

00:01:55,160 --> 00:01:56,360

damp story.

38

00:01:56,360 --> 00:01:58,920

This is a YouTube clip that's pretty famous and

39

00:01:58,920 --> 00:02:01,360

got sent to us by just about everyone.

40

00:02:01,360 --> 00:02:05,080

In which a man is seen sliding down a water slide,

41

00:02:05,080 --> 00:02:09,160

launching himself off a ramp, flying a seemingly impossible

42

00:02:09,160 --> 00:02:12,400

length through the air and landing in a little tiny swimming

43

00:02:12,400 --> 00:02:13,320

pool.

44

00:02:13,320 --> 00:02:15,080

And so you want us to test this.

45

00:02:15,080 --> 00:02:17,080

Oh, I wanna test this.

46

00:02:19,960 --> 00:02:24,280

It's a death-defying viral video stunt with over four million

47

00:02:24,280 --> 00:02:25,120

hits.

48

00:02:25,120 --> 00:02:29,680

But is this incredible feat legit or is it a slide show sham?

49

00:02:32,960 --> 00:02:34,080

Where do you want to start?

50

00:02:34,080 --> 00:02:37,200

Well, as much as I'd love to just build a big old slide

51

00:02:37,200 --> 00:02:40,080

and slide down it, something tells me that that might be

52

00:02:40,080 --> 00:02:41,120

dangerous.

53

00:02:41,120 --> 00:02:43,600

So I'm thinking we should start here in the shop and do a kind

54

00:02:43,600 --> 00:02:44,880

of proof of concept.

55

00:02:44,880 --> 00:02:47,120

See whether we think we can get that kind of distance

56

00:02:47,120 --> 00:02:47,800

and precision.

57

00:02:47,800 --> 00:02:48,480

Exactly.

58

00:02:48,560 --> 00:02:51,480

Let's start with a small slide, a small slider, run it

59

00:02:51,480 --> 00:02:53,160

through some paces and see what we get.

60

00:02:53,160 --> 00:02:55,040

Without putting our bodies on the line.

61

00:02:55,040 --> 00:02:55,880

Yet.

62

00:02:55,880 --> 00:02:56,720

Yet.

63

00:02:57,920 --> 00:03:00,120

It's a slippery slope to the truth.

64

00:03:00,120 --> 00:03:02,800

So they're starting with a proof of concept and here's

65

00:03:02,800 --> 00:03:03,960

what they're looking for.

66

00:03:05,280 --> 00:03:07,880

Doing a scale water slide experiment is a bit of a

67

00:03:07,880 --> 00:03:11,320

problem because gravity doesn't scale.

68

00:03:11,320 --> 00:03:14,520

But it's no big deal because I only need our little dummy to

69

00:03:14,520 --> 00:03:18,080

land in about the same spot over and over again because if

70

00:03:18,080 --> 00:03:19,800

he doesn't, he's toast.

71

00:03:19,800 --> 00:03:23,800

Secondly, based on our video to scale, I need him to travel

72

00:03:23,800 --> 00:03:25,800

about 16 feet.

73

00:03:25,800 --> 00:03:29,160

16 feet is the approximate X marks the spot for the

74

00:03:29,160 --> 00:03:30,000

kiddie pool.

75

00:03:31,720 --> 00:03:34,640

The blue colored water helps the guys ensure that the whole

76

00:03:34,640 --> 00:03:36,160

slide is lubricated.

77

00:03:36,160 --> 00:03:39,240

And then stunt Adam takes his first slip.

78

00:03:40,040 --> 00:03:41,920

Slip and slide scale test.

79

00:03:41,920 --> 00:03:43,360

Three, two, one.

80

00:03:45,880 --> 00:03:46,720

Oh.

81

00:03:48,400 --> 00:03:49,240

That's awesome.

82

00:03:49,240 --> 00:03:52,200

You left a little blue stain nicely marking where he

83

00:03:52,200 --> 00:03:52,960

landed.

84

00:03:52,960 --> 00:03:54,960

Nine feet, eight inches.

85

00:03:54,960 --> 00:03:58,600

Nine feet is hardly the 16 feet Jamie was looking for.

86

00:03:58,600 --> 00:04:01,360

But the guys have a slippery trick to try.

87

00:04:02,320 --> 00:04:04,160

You want to try it again, but throw a little dish soap in

88

00:04:04,160 --> 00:04:05,000

that water?

89

00:04:05,000 --> 00:04:05,760

Sounds like a good idea.

90

00:04:05,760 --> 00:04:07,360

I'll be right back.

91

00:04:07,360 --> 00:04:10,600

Using soapy water to further lubricate the slide will

92

00:04:10,600 --> 00:04:12,800

reduce the friction on the stuntman.

93

00:04:12,800 --> 00:04:14,000

Oh yeah.

94

00:04:14,000 --> 00:04:17,440

Helping him to accelerate and hopefully fly further.

95

00:04:18,840 --> 00:04:19,680

Here we go.

96

00:04:22,080 --> 00:04:25,000

And three, two, one.

97

00:04:28,080 --> 00:04:31,320

Sure enough, the soap surfactants made Midi Adam go

98

00:04:31,320 --> 00:04:34,560

the distance, but what about accuracy?

99

00:04:34,560 --> 00:04:35,400

Here we go.

100

00:04:35,400 --> 00:04:36,800

Looking for the same spot.

101

00:04:40,120 --> 00:04:42,360

When I look at this rig, I think he's not going to hit

102

00:04:42,360 --> 00:04:44,880

the same target every time, but that's not going to stop us

103

00:04:44,880 --> 00:04:45,640

from trying.

104

00:04:45,640 --> 00:04:47,120

Is it little dude?

105

00:04:47,160 --> 00:04:48,520

Oh, I'd rather be done.

106

00:04:48,520 --> 00:04:50,000

No, you got a few more slides.

107

00:04:50,000 --> 00:04:51,400

OK, here we go.

108

00:04:56,080 --> 00:04:58,040

I'm not getting tired of that.

109

00:04:58,040 --> 00:05:00,880

It's not tiresome, but neither is it accurate.

110

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

So Jamie's got a plan.

111

00:05:02,880 --> 00:05:06,480

I'm wondering about fixing him so he's in this position.

112

00:05:06,480 --> 00:05:10,040

Binding the arms and legs should streamline Midi Adam and

113

00:05:10,040 --> 00:05:12,800

help him to land in the same place twice.

114

00:05:12,800 --> 00:05:16,600

But before he flies, the slide needs another spritz of soapy

115

00:05:16,600 --> 00:05:17,480

water.

116

00:05:17,480 --> 00:05:19,920

I figure we should do something like this for the full size

117

00:05:19,920 --> 00:05:23,800

ramp, but larger, like one of those handheld weed sprayers.

118

00:05:23,800 --> 00:05:26,800

I can't see it putting out anywhere near enough liquid.

119

00:05:26,800 --> 00:05:27,720

I think it will.

120

00:05:27,720 --> 00:05:29,120

If you want to bring it, that's fine.

121

00:05:29,120 --> 00:05:31,720

But I swear, if we end up using it to cover the ramp, I'll

122

00:05:31,720 --> 00:05:33,600

pay you \$100.

123

00:05:33,600 --> 00:05:34,120

All right then.

124

00:05:34,120 --> 00:05:36,640

The gentleman's wager stands.

125

00:05:36,640 --> 00:05:40,320

So the tiny slider is tossed down the slide.

126

00:05:40,320 --> 00:05:42,640

Again.

127

00:05:42,640 --> 00:05:43,400

And again.

128

00:05:43,600 --> 00:05:45,840

Woohoo!

129

00:05:45,840 --> 00:05:48,280

That actually was pretty close to the last one.

130

00:05:48,280 --> 00:05:49,280

It was.

131

00:05:49,280 --> 00:05:51,880

And he even landed feet first again.

132

00:05:51,880 --> 00:05:52,600

Full time?

133

00:05:52,600 --> 00:05:53,120

Yep.

134

00:05:53,120 --> 00:05:55,000

Nice.

135

00:05:55,000 --> 00:05:58,640

And soon enough, a pattern starts to emerge.

136

00:05:58,640 --> 00:06:01,720

The more they send streamlined Adam down the slide.

137

00:06:01,720 --> 00:06:03,840

Getting pretty much in the same area.

138

00:06:03,840 --> 00:06:04,920

Go ahead and market again.

139

00:06:04,920 --> 00:06:06,400

I'm getting kind of excited.

140

00:06:06,400 --> 00:06:11,640

The more predictable his landings become.

141

00:06:11,680 --> 00:06:14,160

Let's look at how our criteria stacks up.

142

00:06:14,160 --> 00:06:16,960

The first thing is that we need our little dummy to land in

143

00:06:16,960 --> 00:06:18,760

exactly the same spot.

144

00:06:18,760 --> 00:06:21,400

And all these landings are within a few inches.

145

00:06:21,400 --> 00:06:22,080

That works.

146

00:06:22,080 --> 00:06:24,920

Secondly, to match the video, we need him to come to about

147

00:06:24,920 --> 00:06:26,440

16 feet.

148

00:06:26,440 --> 00:06:30,040

And we got landings between 13 and 19 feet.

149

00:06:30,040 --> 00:06:32,000

So this might actually work.

150

00:06:37,440 --> 00:06:40,680

I got to say, dude, looking at these landings and thinking,

151

00:06:40,680 --> 00:06:43,600

perhaps the pool's about this size, I'm pretty pleased with

152

00:06:43,600 --> 00:06:44,520

the consistency.

153

00:06:44,520 --> 00:06:47,720

So you'd be willing to bet your life on this one, huh?

154

00:06:47,720 --> 00:06:49,640

No, not just yet.

155

00:06:49,640 --> 00:06:53,160

But it does seem like less of the lethal choice it seemed to

156

00:06:53,160 --> 00:06:54,400

me when I first watched the video.

157

00:07:03,120 --> 00:07:05,960

OK, now this next myth is based on something that a major

158

00:07:05,960 --> 00:07:08,600

package delivery company actually does.

159

00:07:08,600 --> 00:07:11,480

They have a special software program that custom designs a

160

00:07:11,480 --> 00:07:14,960

route for their truck drivers that eliminates as many left

161

00:07:14,960 --> 00:07:16,520

hand turns as possible.

162

00:07:16,520 --> 00:07:17,640

You know, I've heard this one.

163

00:07:17,640 --> 00:07:20,360

I mean, apparently it's easy for truck drivers to take a

164

00:07:20,360 --> 00:07:22,920

right, because all you have to do is wait for a clearing and

165

00:07:22,920 --> 00:07:23,600

then they can go.

166

00:07:23,600 --> 00:07:26,000

But if you're turning left, you have to wait for the light,

167

00:07:26,000 --> 00:07:28,200

or you have to wait for oncoming traffic to clear

168

00:07:28,200 --> 00:07:29,240

before you can turn.

169

00:07:29,240 --> 00:07:31,360

You're sitting there idling, and you're wasting fuel.

170

00:07:31,360 --> 00:07:31,800

Wait a minute.

171

00:07:31,800 --> 00:07:34,160

You're telling me instead of just making a simple left, you're

172

00:07:34,160 --> 00:07:36,600

going to go three rights to get to the same place, and

173

00:07:36,600 --> 00:07:37,720

that's more fuel efficient.

174

00:07:37,720 --> 00:07:38,520

Exactly.

175

00:07:38,520 --> 00:07:40,880

And for a major package delivery company, that's

176

00:07:40,880 --> 00:07:42,040

millions of dollars a year.

177

00:07:42,040 --> 00:07:42,880

Millions.

178

00:07:42,880 --> 00:07:44,120

Cool.

179

00:07:44,120 --> 00:07:47,640

It's a little counterintuitive, but apparently you can cut

180

00:07:47,640 --> 00:07:51,360

corners by always going right and avoiding the lights.

181

00:07:51,360 --> 00:07:55,160

But can you really save gas by going the extra distance to

182

00:07:55,160 --> 00:07:57,560

eliminate idling?

183

00:07:57,560 --> 00:07:58,560

How are we going to test this one?

184

00:07:58,560 --> 00:08:01,000

Well, this myth is about delivery trucks, but since most

185

00:08:01,000 --> 00:08:03,360

of our viewers don't have access to those, I think we

186

00:08:03,360 --> 00:08:04,440

should start with a car.

187

00:08:04,440 --> 00:08:05,800

Why don't we take a car?

188

00:08:05,800 --> 00:08:07,120

We'll bypass a fuel tank.

189

00:08:07,120 --> 00:08:08,520

We'll put in our own fuel cell.

190

00:08:08,520 --> 00:08:10,600

That way we can remove it and weigh it, and we'll know

191

00:08:10,600 --> 00:08:12,400

exactly how much fuel we're using.

192

00:08:12,400 --> 00:08:12,720

Good idea.

193

00:08:12,720 --> 00:08:13,560

And we'll do two routes.

194

00:08:13,560 --> 00:08:16,160

The first one will be the most direct route, and the second

195

00:08:16,160 --> 00:08:18,840

one will eliminate left-hand turns and do only rights.

196

00:08:18,840 --> 00:08:21,200

And for consistency, we should have only one driver.

197

00:08:21,200 --> 00:08:23,720

And because I'm the safest driver, I think I should be

198

00:08:23,720 --> 00:08:24,560

behind the wheel.

199

00:08:24,560 --> 00:08:27,320

You're the safest driver.

200

00:08:27,320 --> 00:08:30,000

Grant is up for courier duty, so the team heads to

201

00:08:30,000 --> 00:08:33,600

Treasure Island to deliver their mythical booty.

202

00:08:33,600 --> 00:08:35,880

Now the myth is that right-hand turns are more fuel

203

00:08:35,880 --> 00:08:37,600

efficient than left-hand turns.

204

00:08:37,600 --> 00:08:39,200

So we've set out two courses.

205

00:08:39,200 --> 00:08:41,800

We're going to drive both courses at the same speed, with

206

00:08:41,800 --> 00:08:44,320

the same driving style, to deliver 12 packages.

207

00:08:44,320 --> 00:08:48,240

This is Adam's Blade Runner replica pistol.

208

00:08:48,240 --> 00:08:51,840

The more direct left-hand route includes a 60-second

209

00:08:51,840 --> 00:08:55,920

weight at traffic lights, but is just 0.4 of a mile.

210

00:08:55,920 --> 00:08:59,040

The longer right-hand route eliminates the weight, but

211

00:08:59,040 --> 00:09:01,800

they'll cover 0.6 of a mile instead.

212

00:09:01,800 --> 00:09:05,320

The routes will be repeated 12 times, as there are a dozen

213

00:09:05,320 --> 00:09:06,360

packages to deliver.

214

00:09:09,440 --> 00:09:10,880

And raining.

215

00:09:10,880 --> 00:09:13,280

It was so nice out here.

216

00:09:13,280 --> 00:09:16,640

A slightly damp grantentory weigh the fuel cell for

217

00:09:16,640 --> 00:09:18,080

their starting weight.

218

00:09:18,080 --> 00:09:21,480

All right, 17.89 pounds.

219

00:09:21,480 --> 00:09:23,800

Then hook it up to the car.

220

00:09:23,800 --> 00:09:26,840

Let's deliver these packages.

221

00:09:26,840 --> 00:09:29,000

We're off.

222

00:09:29,000 --> 00:09:32,600

It's left after left.

223

00:09:32,600 --> 00:09:34,960

Yep, that's the right address.

224

00:09:34,960 --> 00:09:40,720

And light after light, as our left brain couriers

225

00:09:40,720 --> 00:09:42,080

deliver the goods.

226

00:09:42,080 --> 00:09:43,320

I need your sign for that.

227

00:09:43,320 --> 00:09:45,800

By the way, your average lap has been two minutes, 15

228

00:09:45,800 --> 00:09:46,800

seconds.

229

00:09:46,800 --> 00:09:50,400

There's no time to waste, as they complete 12 circuits.

230

00:09:50,400 --> 00:09:55,080

And finally, every package is safely delivered.

231

00:09:55,080 --> 00:09:57,200

Yeah!

232

00:09:57,200 --> 00:09:58,560

Yes!

233

00:09:58,560 --> 00:09:59,800

All right, we are done with our route.

234

00:09:59,800 --> 00:10:01,200

Let's measure our fuel cell.

235

00:10:02,200 --> 00:10:05,200

OK, it's 15.63 pounds.

236

00:10:05,200 --> 00:10:09,200

So that is a difference of 2.26 pounds.

237

00:10:09,200 --> 00:10:12,200

I needed the run in 27 minutes and six seconds.

238

00:10:12,200 --> 00:10:13,200

All right, that was good time.

239

00:10:13,200 --> 00:10:15,200

Let's reset, and we'll do the test where we just do right

240

00:10:15,200 --> 00:10:17,200

hand turns only.

241

00:10:17,200 --> 00:10:21,200

17.89, perfect.

242

00:10:21,200 --> 00:10:23,200

It's a straightforward process.

243

00:10:23,200 --> 00:10:26,200

Tory and Grant repeat the delivery dozen.

244

00:10:27,200 --> 00:10:31,200

We've delivered to this location before.

245

00:10:31,200 --> 00:10:34,200

But this time, only going right.

246

00:10:34,200 --> 00:10:39,200

All right, so you're going to take a right up here.

247

00:10:39,200 --> 00:10:42,200

And then maybe I think you're right.

248

00:10:42,200 --> 00:10:45,200

Right you are, my man.

249

00:10:45,200 --> 00:10:48,200

Grant maintains the same speed as the previous test,

250

00:10:48,200 --> 00:10:51,200

and the weather conditions are identical.

251

00:10:51,200 --> 00:10:52,200

However...

252

00:10:52,200 --> 00:10:55,200

You know, this route feels fast.

253

00:10:55,200 --> 00:10:57,200

I don't know if it is faster.

254

00:10:57,200 --> 00:11:00,200

Well, we're cutting down by not stopping at lights.

255

00:11:00,200 --> 00:11:05,200

And this time around, despite an extra 33% of distance to cover.

256

00:11:05,200 --> 00:11:08,200

All right, this is our last stop.

257

00:11:08,200 --> 00:11:12,200

The parcels are dispatched in only 21 minutes.

258

00:11:12,200 --> 00:11:13,200

Woo!

259

00:11:13,200 --> 00:11:15,200

Yeah!

260

00:11:15,200 --> 00:11:18,200

All right, now it's time to find out which is more fuel efficient.

261

00:11:18,200 --> 00:11:21,200

Left hand turns or right hand turns?

262

00:11:21,200 --> 00:11:23,200

15.55.

263

00:11:23,200 --> 00:11:27,200

So that means the right turn actually consumed more fuel.

264

00:11:27,200 --> 00:11:30,200

Looks like this one is busted.

265

00:11:30,200 --> 00:11:34,200

It's all about the total fuel consumption for 12 deliveries.

266

00:11:34,200 --> 00:11:37,200

For our first test, we did all left hand turns.

267

00:11:37,200 --> 00:11:39,200

We covered 36 blocks in 27 minutes.

268

00:11:39,200 --> 00:11:42,200

But for our second test, with all right hand turns,

269

00:11:42,200 --> 00:11:44,200

we covered almost twice the distance.

270

00:11:44,200 --> 00:11:47,200

60 blocks, but came in at 21 minutes.

271

00:11:47,200 --> 00:11:50,200

So the left turn test used less fuel.

272

00:11:50,200 --> 00:11:53,200

But what does that mean for the myth?

273

00:11:53,200 --> 00:11:55,200

So yes, we did find that the left turn route

274

00:11:55,200 --> 00:11:58,200

was more fuel efficient than the right turn route.

275

00:11:58,200 --> 00:12:01,200

But the really important thing to look at is the difference.

276

00:12:01,200 --> 00:12:02,200

It was minuscule.

277

00:12:02,200 --> 00:12:04,200

4 tenths of 1%.

278

00:12:04,200 --> 00:12:07,200

Less than 1%.

279

00:12:07,200 --> 00:12:09,200

I think to really get to the bottom of this,

280

00:12:09,200 --> 00:12:12,200

we need to introduce a real world scenario.

281

00:12:12,200 --> 00:12:15,200

Adam and Jamie take to the skies.

282

00:12:15,200 --> 00:12:19,200

This is fun, but first they'll have to build their mega slide.

283

00:12:21,200 --> 00:12:32,200

The mythbusters are finding out if this incredible slide is real or a flight of fancy.

284

00:12:32,200 --> 00:12:40,200

And after a proof of concept, it looks like this just might fly.

285

00:12:40,200 --> 00:12:48,200

I'm going to say I'm astonished that this small scale seems to show that this myth is not impossible.

286

00:12:48,200 --> 00:12:50,200

Well then it's time to go full scale.

287

00:12:50,200 --> 00:12:51,200

I think it is.

288

00:12:51,200 --> 00:12:53,200

This is kind of dangerous though, so the question is,

289

00:12:53,200 --> 00:12:56,200

are you willing to stake your life on hitting that pool?

290

00:12:56,200 --> 00:13:00,200

No, I am not, and that's why I've come up with, I think, the perfect plan.

291

00:13:00,200 --> 00:13:04,200

See, we don't have to do this myth on dry ground.

292

00:13:04,200 --> 00:13:07,200

We just need to hit a target in the shape of a pool.

293

00:13:07,200 --> 00:13:11,200

We could put that target on, follow me, a lake.

294

00:13:11,200 --> 00:13:14,200

Then if we miss the target, we don't die.

295

00:13:14,200 --> 00:13:15,200

It's like a win-win.

296

00:13:15,200 --> 00:13:17,200

Excellent plan.

297

00:13:17,200 --> 00:13:23,200

But before they go big scale, they need to know exactly how big, big is.

298

00:13:23,200 --> 00:13:26,200

This myth really all comes down to the slide.

299

00:13:26,200 --> 00:13:29,200

How big is it? How long is it? What are its overall dimensions?

300

00:13:29,200 --> 00:13:34,200

So I'm going to spend some time getting up close and personal with the video to try and extrapolate those dimensions.

301

00:13:34,200 --> 00:13:37,200

And after some very thorough extrapolating.

302

00:13:37,200 --> 00:13:39,200

I've got that it's eight feet wide.

303

00:13:39,200 --> 00:13:41,200

I've extrapolated that from an earlier shot.

304

00:13:41,200 --> 00:13:44,200

Adam has the dimension data on our slide.

305

00:13:45,200 --> 00:13:54,200

It's approximately 200 feet long with a slope of 24 degrees and a ramp 12 feet high at an angle of 30 degrees.

306

00:13:54,200 --> 00:13:59,200

So they'll need to find a lake at the bottom of a large 24 degree hill.

307

00:13:59,200 --> 00:14:02,200

Well, how about this one?

308

00:14:02,200 --> 00:14:04,200

This has got to be the spot.

309

00:14:04,200 --> 00:14:05,200

It's beautiful.

310

00:14:05,200 --> 00:14:09,200

Get a little of that woody feeling just looking at that.

311

00:14:09,200 --> 00:14:12,200

Yeah, we're going to get going pretty fast by the time we reach the bottom of this hill.

312

00:14:12,200 --> 00:14:14,200

Awesome.

313

00:14:17,200 --> 00:14:18,200

Oh my gosh.

314

00:14:18,200 --> 00:14:25,200

It's the ideal location, but they'll have to work the angles to get the 24 degree incline that this myth requires.

315

00:14:25,200 --> 00:14:30,200

While we are no strangers to extremely large builds in pursuit of a story,

316

00:14:30,200 --> 00:14:33,200

it seems to me that the biggest ones always involve ramps.

317

00:14:33,200 --> 00:14:36,200

I'm thinking specifically the dirt mount for the Dukes of Hazard Jump.

318

00:14:38,200 --> 00:14:39,200

Oh my lord.

319

00:14:39,200 --> 00:14:42,200

And the huge container ramp for the rocket car.

320

00:14:42,200 --> 00:14:44,200

That ramp held up a tree.

321

00:14:46,200 --> 00:14:53,200

Behind me in sheer size and tonnage is the biggest build we have ever undertaken.

322

00:14:53,200 --> 00:14:55,200

Adam's right.

323

00:14:55,200 --> 00:15:01,200

With over 200 cubic yards of dirt required to make their ramp, this could take a while.

324

00:15:01,200 --> 00:15:03,200

So we've got a little ways to go.

325

00:15:03,200 --> 00:15:11,200

And as the sun sets on day one of this mammoth build, their slope is more mole hill than mountain.

326

00:15:13,200 --> 00:15:16,200

But luckily next morning brings reinforcements.

327

00:15:19,200 --> 00:15:20,200

These guys are pretty good.

328

00:15:20,200 --> 00:15:24,200

They did great work for us, but we still got a ways to go and we needed some extra help.

329

00:15:24,200 --> 00:15:29,200

So allow me to introduce you to some extra help.

330

00:15:34,200 --> 00:15:36,200

That's how it's done.

331

00:15:38,200 --> 00:15:39,200

That was quick.

332

00:15:39,200 --> 00:15:41,200

Sometimes you need the right tool.

333

00:15:42,200 --> 00:15:49,200

Yep, in five minutes the massive earth mover has completed what it took them a whole day yesterday to do.

334

00:15:49,200 --> 00:15:51,200

So the guys get to work on their ramp.

335

00:15:52,200 --> 00:15:55,200

First, Jamie puts a new slant on danger.

336

00:15:56,200 --> 00:15:59,200

As he taps down any loose earth.

337

00:15:59,200 --> 00:16:07,200

You'll notice I'm only going up and down the ramp with the bucket first because I'm worried that if I went the other way I might flip over backwards.

338

00:16:09,200 --> 00:16:13,200

While Adam works the planks building the takeoff ramp.

339

00:16:16,200 --> 00:16:17,200

What are we doing?

340

00:16:17,200 --> 00:16:19,200

Yeah!

341

00:16:24,200 --> 00:16:30,200

52 sheets of plywood are slid down the slope and the slide starts to take shape.

342

00:16:30,200 --> 00:16:31,200

It's beautiful.

343

00:16:34,200 --> 00:16:35,200

It looks great.

344

00:16:37,200 --> 00:16:38,200

You first.

345

00:16:40,200 --> 00:16:44,200

And now that they're out of the woods, Jamie is taking precautions.

346

00:16:45,200 --> 00:16:49,200

These things are called straw waddles. Normally they're used for preventing erosion.

347

00:16:49,200 --> 00:16:51,200

We're not going to use them for that.

348

00:16:52,200 --> 00:16:59,200

We're going to use them as barriers along the side of our slide to help prevent us from going someplace we don't want to go.

349

00:17:00,200 --> 00:17:02,200

Jamie, that looks hilarious.

350

00:17:03,200 --> 00:17:10,200

With the waddle safety system secure they focus on comfort, cushioning the entire slide with carpet.

351

00:17:14,200 --> 00:17:15,200

Hello.

352

00:17:22,200 --> 00:17:24,200

Can I get another roll of duct tape?

353

00:17:26,200 --> 00:17:31,200

And then it's time for the last ingredient of any slippery dip, lacquered vinyl.

354

00:17:32,200 --> 00:17:37,200

Never let it be said that Mythbusters doesn't roll out at least the orange carpet.

355

00:17:38,200 --> 00:17:39,200

Come on, all the way buddy.

356

00:17:39,200 --> 00:17:44,200

Yep, we roll it out, but we may have a few problems holding on to it.

357

00:17:47,200 --> 00:17:48,200

Oh well.

358

00:17:48,200 --> 00:17:50,200

I should hop off the carpet please.

359

00:17:50,200 --> 00:17:51,200

Yeah.

360

00:17:53,200 --> 00:17:55,200

It's like it's slippery.

361

00:17:57,200 --> 00:17:59,200

There we go, okay.

362

00:18:02,200 --> 00:18:08,200

I'm not only having fun, I'm finding if there's any spots that I can get out of the water.

363

00:18:09,200 --> 00:18:11,200

The spots that are sticking up that can hurt us.

364

00:18:13,200 --> 00:18:15,200

I think the answer is no.

365

00:18:16,200 --> 00:18:18,200

And there you have it.

366

00:18:18,200 --> 00:18:32,200

After two days of back breaking, earth moving, soil smoothing, plywood planking, waddle waddling, carpet laying and vinyl veneering, one massive made to order Mythbusters water slide.

367

00:18:33,200 --> 00:18:35,200

Well sir, that is a ramp.

368

00:18:35,200 --> 00:18:36,200

Yes it is.

369

00:18:36,200 --> 00:18:38,200

What's standing between us and testing it?

370

00:18:38,200 --> 00:18:39,200

A commercial break?

371

00:18:39,200 --> 00:18:41,200

Oh, see you in a few minutes.

372

00:18:47,200 --> 00:18:53,200

Can canny delivery companies say fuel by turning only right and eliminating the lights?

373

00:18:54,200 --> 00:18:59,200

So far for cars, it looks like it doesn't make that much of a difference if you're making a left hand turn or a right hand turn.

374

00:18:59,200 --> 00:19:01,200

But I mean, is that true for trucks?

375

00:19:01,200 --> 00:19:03,200

Is this company just wasting their time?

376

00:19:03,200 --> 00:19:05,200

I think we definitely need to step up to trucks next.

377

00:19:05,200 --> 00:19:12,200

I mean, a big truck takes longer to accelerate, which means it needs a bigger break in traffic in order to complete a left hand turn.

378

00:19:12,200 --> 00:19:15,200

Plus, they're likely using more fuel while idling.

379

00:19:15,200 --> 00:19:22,200

Yeah, and in the real world, not only do they have to deal with traffic, narrow roads, steep hills, pedestrians and that sounds a little like San Francisco.

380

00:19:22,200 --> 00:19:24,200

I say we get truckin'.

381

00:19:26,200 --> 00:19:30,200

The Mythbusters Courier Service is ready to deliver for this myth.

382

00:19:31,200 --> 00:19:34,200

This is the truck that we are going to be using to make our deliveries.

383

00:19:34,200 --> 00:19:37,200

We have created the Mythbusters Courier Service.

384

00:19:37,200 --> 00:19:40,200

We aim to please, but there's more. Come with me.

385

00:19:40,200 --> 00:19:47,200

We will be making several deliveries to our favorite vendors, and inside our packages are Mythbusters t-shirts.

386

00:19:47,200 --> 00:19:55,200

More importantly, though, our truck is outfitted with the fuel cell that we'll be measuring before and after each run, so we find out how much fuel we're consuming.

387

00:19:55,200 --> 00:19:57,200

78.75 pounds.

388

00:19:57,200 --> 00:19:59,200

So that is our starting fuel weight.

389

00:19:59,200 --> 00:20:02,200

The best part is, I'll be driving.

390

00:20:03,200 --> 00:20:09,200

Just like the car test, for this test they'll do two routes, delivering to the same six destinations.

391

00:20:09,200 --> 00:20:19,200

First up is the direct route, with both lefts and rights, covering a distance of 5.2 miles from the Palace of Fine Arts to Alamo Square.

392

00:20:20,200 --> 00:20:22,200

Alright, let's get these packages delivered.

393

00:20:23,200 --> 00:20:25,200

Alright, zeroing out trip odometer.

394

00:20:25,200 --> 00:20:28,200

Start your engine in three, two, one.

395

00:20:29,200 --> 00:20:30,200

Go!

396

00:20:30,200 --> 00:20:31,200

Alright, here we go.

397

00:20:36,200 --> 00:20:40,200

Alright, coming up here, you're going to be taking a left of the lights.

398

00:20:40,200 --> 00:20:45,200

Ah, see, this dark light is into our schedule.

399

00:20:45,200 --> 00:20:50,200

Despite the lights, in no time at all they've reached their first Mythbusters landmark.

400

00:20:50,200 --> 00:20:51,200

You ready, kid?

401

00:20:51,200 --> 00:20:53,200

I was born ready.

402

00:20:53,200 --> 00:20:54,200

Fort Mason.

403

00:20:54,200 --> 00:20:55,200

Drop that package.

404

00:20:55,200 --> 00:20:56,200

Got it!

405

00:20:56,200 --> 00:21:00,200

The delivery ninja springs into action, and the first package is dropped.

406

00:21:02,200 --> 00:21:04,200

Come on, let's go, let's go, we got a schedule to keep.

407

00:21:04,200 --> 00:21:05,200

Okay, hit it!

408

00:21:06,200 --> 00:21:09,200

Oh my god, we're going to Lombard Street.

409

00:21:09,200 --> 00:21:10,200

I love a challenge.

410

00:21:10,200 --> 00:21:12,200

That's the crookedest street in the city.

411

00:21:12,200 --> 00:21:13,200

Possibly the world.

412

00:21:13,200 --> 00:21:14,200

No, that's Wall Street.

413

00:21:16,200 --> 00:21:22,200

Yep, Lombard Street has more curves than a chorus line, and it's proving a little difficult for MCS.

414

00:21:23,200 --> 00:21:26,200

Oh my god, oh my gosh.

415

00:21:27,200 --> 00:21:30,200

We start going down Lombard, I'm thinking to myself, who picked this route?

416

00:21:30,200 --> 00:21:31,200

I mean, this is ridiculous.

417

00:21:31,200 --> 00:21:33,200

Don't worry, we're professionals here at MCS.

418

00:21:33,200 --> 00:21:35,200

Watch out, it's getting tighter and tighter.

419

00:21:35,200 --> 00:21:36,200

Can you make it down this?

420

00:21:39,200 --> 00:21:42,200

I'm almost about to crash into the side of the wall.

421

00:21:42,200 --> 00:21:43,200

This is a national treasure.

422

00:21:45,200 --> 00:21:46,200

This is a landmark.

423

00:21:46,200 --> 00:21:48,200

I have to throw it into reverse.

424

00:21:48,200 --> 00:21:54,200

I'm backing up just then, because the angle of the truck was so steep, we lost fuel to the engine, and the engine cut out.

425

00:21:54,200 --> 00:21:55,200

Try it, try it.

426

00:21:59,200 --> 00:22:00,200

We're going to get stuck on Lombard.

427

00:22:00,200 --> 00:22:02,200

So I lose my power steering.

428

00:22:02,200 --> 00:22:06,200

I had to throw it in neutral and do the rest of the street in neutral.

429

00:22:06,200 --> 00:22:09,200

MCS, we guarantee our delivery.

430

00:22:12,200 --> 00:22:14,200

I didn't even think I was going to make it out.

431

00:22:14,200 --> 00:22:15,200

I'm going over the curb.

432

00:22:15,200 --> 00:22:16,200

You're going over the curb?

433

00:22:16,200 --> 00:22:20,200

Luckily, Tori knows how to handle a curve, even in neutral.

434

00:22:20,200 --> 00:22:21,200

Go!

435

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

So the second delivery is made.

436

00:22:23,200 --> 00:22:25,200

There you go. Package for you.

437

00:22:29,200 --> 00:22:31,200

And then after a little push.

438

00:22:33,200 --> 00:22:35,200

So crazy.

439

00:22:35,200 --> 00:22:39,200

It's off to drop stop number three, North Beach.

440

00:22:39,200 --> 00:22:40,200

Hey, ciao.

441

00:22:40,200 --> 00:22:41,200

This is North Beach.

442

00:22:41,200 --> 00:22:44,200

It's little Italy, my people.

443

00:22:44,200 --> 00:22:45,200

Ciao, ciao.

444

00:22:46,200 --> 00:22:47,200

Hey, Mitty.

445

00:22:47,200 --> 00:22:49,200

Hey, let's stop and have lunch.

446

00:22:49,200 --> 00:22:50,200

No time for lunch, Tori.

447

00:22:50,200 --> 00:22:52,200

We got to deliver our package.

448

00:22:52,200 --> 00:22:55,200

Once again, the cowboy courier is in and out.

449

00:22:57,200 --> 00:22:58,200

Okay, go, go, go.

450

00:22:58,200 --> 00:23:03,200

And they head to the Mythbusters butcher of choice in Chinatown.

451

00:23:03,200 --> 00:23:04,200

Little city meats.

452

00:23:04,200 --> 00:23:05,200

Here we come.

453

00:23:08,200 --> 00:23:13,200

As I'm driving this route, I'm starting to see that left hand turns are a lot more annoying than right hand turns.

454

00:23:13,200 --> 00:23:17,200

You got to wait for the traffic to clear up before you can even go.

455

00:23:17,200 --> 00:23:23,200

Yep, so far this test, they've spent over five minutes just idling at traffic lights.

456

00:23:23,200 --> 00:23:25,200

Look out, people on the cable car.

457

00:23:25,200 --> 00:23:27,200

MCS is coming through.

458

00:23:29,200 --> 00:23:31,200

Oh my God, this is such a hard left.

459

00:23:31,200 --> 00:23:33,200

Come on, go, go, go.

460

00:23:33,200 --> 00:23:36,200

We got to get these packages delivered.

461

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

All right, Grant, this is your drop. Get it.

462

00:23:39,200 --> 00:23:41,200

Go, go, go, go.

463

00:23:42,200 --> 00:23:44,200

Hi, I have a delivery for you.

464

00:23:44,200 --> 00:23:50,200

That's five packages delivered with one final stop to make, Alamo Square.

465

00:23:51,200 --> 00:23:53,200

This is it, this is the last package.

466

00:23:53,200 --> 00:23:55,200

Yeah!

467

00:23:55,200 --> 00:23:56,200

We did it.

468

00:23:56,200 --> 00:23:57,200

Nice work, you guys.

469

00:23:57,200 --> 00:23:59,200

Package from the Mythbusters.

470

00:23:59,200 --> 00:24:00,200

Thank you.

471

00:24:00,200 --> 00:24:01,200

That's it.

472

00:24:01,200 --> 00:24:02,200

Yes.

473

00:24:02,200 --> 00:24:03,200

We're done.

474

00:24:03,200 --> 00:24:05,200

Customer satisfaction guaranteed.

475

00:24:05,200 --> 00:24:07,200

That's MCS.

476

00:24:07,200 --> 00:24:09,200

So left hand turns pretty hairy, huh?

477

00:24:09,200 --> 00:24:14,200

Yeah, now we got to measure the fuel, get under the right hand route, and do this all again.

478

00:24:14,200 --> 00:24:17,200

So we have 71.95 pounds.

479

00:24:17,200 --> 00:24:23,200

Okay, that gives us a total of 6.8 pounds consumed.

480

00:24:23,200 --> 00:24:28,200

We went 5.2 miles in 52 minutes.

481

00:24:28,200 --> 00:24:34,200

That felt like we went like 100 miles in about five hours.

482

00:24:34,200 --> 00:24:41,200

After driving our left heavy route, I feel like our results might be extremely interesting for this experiment.

483

00:24:41,200 --> 00:24:46,200

Because if you think about the amount of time that we had to idle at lights before we could turn left,

484

00:24:46,200 --> 00:24:51,200

I think it's about the same amount of time it would take three rights to get to a left.

485

00:24:51,200 --> 00:24:55,200

I think we might actually have the opposite results of our previous experiment.

486

00:24:55,200 --> 00:24:58,200

I think we might actually save fuel going right.

487

00:25:00,200 --> 00:25:03,200

Don't try anything you see on the show at home.

488

00:25:03,200 --> 00:25:05,200

We're what you call experts.

489

00:25:07,200 --> 00:25:08,200

Welcome back.

490

00:25:08,200 --> 00:25:12,200

We are testing pretty much everything we can see in this clip.

491

00:25:15,200 --> 00:25:21,200

So we came out here to pit 232 and built ourselves a full-size ramp, which we are about to test.

492

00:25:21,200 --> 00:25:25,200

If you'll excuse me, I'm going to get suited up for the first slide.

493

00:25:26,200 --> 00:25:33,200

While Adam slips into something more uncomfortable, here's Jamie with the stats on the super slide.

494

00:25:33,200 --> 00:25:35,200

Our slide is 165 feet long.

495

00:25:35,200 --> 00:25:38,200

As we go down it, we'll be going at a 24-degree angle.

496

00:25:38,200 --> 00:25:42,200

As we come off the end of it, we're going to be going at a 30-degree angle.

497

00:25:42,200 --> 00:25:47,200

How far we go and how fast we travel, that's what we're here to find out.

498

00:25:47,200 --> 00:25:52,200

And they'll coat the slide with the same slippery solution as the small scale.

499

00:25:52,200 --> 00:25:56,200

We're using soap and water to lubricate things, make us go faster.

500

00:25:56,200 --> 00:25:58,200

Jamie's sorted out the lube.

501

00:25:58,200 --> 00:26:00,200

And Adam's suited up.

502

00:26:01,200 --> 00:26:07,200

Adam, I've got this handy-dandy GPS unit I'd like to put on you so we can track your speed.

503

00:26:07,200 --> 00:26:11,200

Fantastic, I can put it right there.

504

00:26:12,200 --> 00:26:13,200

Ready?

505

00:26:14,200 --> 00:26:21,200

The GPS unit will track not only Adam's speed, but also the distance he flies from the mega-mythbusters slide.

506

00:26:22,200 --> 00:26:27,200

While I'd be attempting to just go for it and start from the top, we're going to start from the middle

507

00:26:27,200 --> 00:26:29,200

because we kind of need to work our way into this.

508

00:26:29,200 --> 00:26:34,200

I'm not actually nervous, I'm itching to get on this slide.

509

00:26:34,200 --> 00:26:36,200

This is a prototype, we don't know what it's going to do.

510

00:26:36,200 --> 00:26:38,200

I'm dying to try this out.

511

00:26:38,200 --> 00:26:42,200

We're going to ease into it and everything seems okay, then we'll go for it.

512

00:26:42,200 --> 00:26:44,200

I just can't wait.

513

00:26:44,200 --> 00:26:46,200

Here we go, test number one.

514

00:26:47,200 --> 00:26:53,200

Adam, danger savage, empties his bucket and adopts the downhill loose position of the video.

515

00:27:04,200 --> 00:27:05,200

I'm okay.

516

00:27:07,200 --> 00:27:08,200

Top three four.

517

00:27:09,200 --> 00:27:13,200

That undignified dismount wasn't quite the slide Adam expected.

518

00:27:17,200 --> 00:27:22,200

With only half a slope to build momentum, he peaked at 15 miles per hour

519

00:27:23,200 --> 00:27:25,200

and traveled a measly four feet.

520

00:27:26,200 --> 00:27:28,200

You barely made it off the end of the ramp.

521

00:27:28,200 --> 00:27:34,200

I don't know what happened, I was good and slippery and the track did a great job of keeping me on the track,

522

00:27:34,200 --> 00:27:36,200

but yeah, I landed about four feet away.

523

00:27:37,200 --> 00:27:38,200

That's not a good sign.

524

00:27:38,200 --> 00:27:43,200

No, it's not a good sign for the myth, but I'm rare to go again, that was a hell of a lot of fun.

525

00:27:43,200 --> 00:27:49,200

And for take two, you'll need a little more slide, so he heads to three quarters of the way up.

526

00:27:57,200 --> 00:28:03,200

The landing may have been a little hard on his dairy air, but at least Adam got air.

527

00:28:07,200 --> 00:28:10,200

But there was one frothy problem.

528

00:28:14,200 --> 00:28:21,200

By the time I hit the ramp, so much water had sprayed into my face from the overly wet ramp that I couldn't see a thing.

529

00:28:21,200 --> 00:28:22,200

I hit the ramp blind.

530

00:28:25,200 --> 00:28:26,200

I did everything wrong.

531

00:28:28,200 --> 00:28:30,200

But I landed okay.

532

00:28:31,200 --> 00:28:33,200

Coach, I'm ready to go in for another run. We set me in.

533

00:28:34,200 --> 00:28:41,200

Okay, but to be safe for this run, they ditch the bucket and give the slide a more even spray from top to bottom.

534

00:28:42,200 --> 00:28:51,200

If you remember, I told Jamie that I thought the sprayers were a stupid idea and I was so sure we weren't going to use them to grease the ramp that I told him that if we did use them, I'd pay him \$100.

535

00:28:52,200 --> 00:28:54,200

I hope he forgets.

536

00:28:54,200 --> 00:28:57,200

I doubted Adam. The Heinemann never forgets.

537

00:28:58,200 --> 00:29:02,200

With the safety sorted out, the guys can concentrate on this myth.

538

00:29:02,200 --> 00:29:07,200

There are two parts to the superslide, accuracy and distance.

539

00:29:07,200 --> 00:29:09,200

So first, they're taking on distance.

540

00:29:10,200 --> 00:29:16,200

By our best calculations, the slider in the video flies approximately 115 feet.

541

00:29:16,200 --> 00:29:21,200

Do I have 115 feet of travel in my future? Honestly, I don't think so.

542

00:29:22,200 --> 00:29:24,200

Okay, I'm ready to go from the top.

543

00:29:24,200 --> 00:29:26,200

It should be all down till from here.

544

00:29:27,200 --> 00:29:28,200

Yeah, we'll break a leg.

545

00:29:29,200 --> 00:29:30,200

Here we go.

546

00:29:31,200 --> 00:29:37,200

But will a slide from the very top be enough to launch Adam the same distance as the video's stunt slider?

547

00:29:37,200 --> 00:29:42,200

Three, two, one. Oh, it doesn't take much. Here we go.

548

00:29:57,200 --> 00:29:58,200

Wow!

549

00:30:01,200 --> 00:30:05,200

Well, that was one mighty mega-wush.

550

00:30:08,200 --> 00:30:10,200

But Adam only flew 70 feet.

551

00:30:11,200 --> 00:30:14,200

A far cry from the 115 feet of the myth.

552

00:30:15,200 --> 00:30:16,200

I'm alive, right?

553

00:30:17,200 --> 00:30:18,200

I think so.

554

00:30:19,200 --> 00:30:20,200

How far did I fly?

555

00:30:20,200 --> 00:30:21,200

You flew about 70 feet.

556

00:30:23,200 --> 00:30:24,200

That's totally intense.

557

00:30:25,200 --> 00:30:28,200

That was above and beyond everything else.

558

00:30:28,200 --> 00:30:30,200

The single most intense thing I've ever done on the show.

559

00:30:30,200 --> 00:30:32,200

And there's just roll it one more time. I'm gonna watch this.

560

00:30:33,200 --> 00:30:34,200

Yeah, look at that!

561

00:30:36,200 --> 00:30:39,200

I'm screaming and voluntarily the whole way to the water.

562

00:30:40,200 --> 00:30:44,200

The moment I feel the water hit my feet, I am so grateful because I know it's a good landing.

563

00:30:45,200 --> 00:30:47,200

I wish you could try this.

564

00:30:48,200 --> 00:30:49,200

Well, we can.

565

00:30:49,200 --> 00:30:53,200

But the Heinemann's team is going to be the first to go to the water.

566

00:30:54,200 --> 00:30:59,200

And maybe he'll be able to go the extra distance this myth requires.

567

00:31:07,200 --> 00:31:13,200

Next up, the Mythbusters deliver and set their route to rights.

568

00:31:13,200 --> 00:31:15,200

Hey, don't forget to use MCS.

569

00:31:15,200 --> 00:31:16,200

We're the Palm.

570

00:31:17,200 --> 00:31:18,200

Is it a bird?

571

00:31:20,200 --> 00:31:21,200

Is it a plane?

572

00:31:23,200 --> 00:31:25,200

No, it's Adam Danger Savage.

573

00:31:26,200 --> 00:31:27,200

Trying to recreate this.

574

00:31:31,200 --> 00:31:34,200

But now it's time to call in the heavies.

575

00:31:35,200 --> 00:31:38,200

So, why do I have to go down the slide when Adam already has?

576

00:31:39,200 --> 00:31:40,200

Good to go.

577

00:31:40,200 --> 00:31:43,200

Well, you don't think I'm gonna pass something like this up to you.

578

00:31:43,200 --> 00:31:44,200

I mean, look at it.

579

00:31:45,200 --> 00:31:47,200

And besides, who knows, I might go further.

580

00:31:48,200 --> 00:31:51,200

It isn't a case of anything Adam can do, Jamie can do better.

581

00:31:52,200 --> 00:31:54,200

Just relax and clench your butt.

582

00:31:54,200 --> 00:31:55,200

That worked for me so well.

583

00:31:56,200 --> 00:31:57,200

It's about mass.

584

00:31:57,200 --> 00:31:59,200

Jamie is slightly heavier than Adam.

585

00:31:59,200 --> 00:32:03,200

And that could give him an edge when it comes to flight distance.

586

00:32:03,200 --> 00:32:05,200

I just wonder what's going through Jamie's head right now.

587

00:32:06,200 --> 00:32:07,200

Keep my core tight.

588

00:32:08,200 --> 00:32:09,200

Relax.

589

00:32:10,200 --> 00:32:12,200

It's probably a little bit harder than I thought.

590

00:32:13,200 --> 00:32:14,200

Probably not.

591

00:32:14,200 --> 00:32:18,200

It's probably more like, I wonder how to reassemble the rack on my truck.

592

00:32:19,200 --> 00:32:20,200

Maybe some quarter 20 bolts.

593

00:32:21,200 --> 00:32:22,200

Oh, it's time to go.

594

00:32:22,200 --> 00:32:23,200

Okay, here we go.

595

00:32:25,200 --> 00:32:31,200

So, Adam, this whole thing seems kind of fun, but it's also terrifying.

596

00:32:31,200 --> 00:32:33,200

Maybe it's terrifyingly fun.

597

00:32:33,200 --> 00:32:34,200

What do you think?

598

00:32:34,200 --> 00:32:37,200

I mean, exactly the same assessment of the thing.

599

00:32:38,200 --> 00:32:40,200

Tell me what you feel like after the flight.

600

00:32:40,200 --> 00:32:41,200

I guess it's now or never.

601

00:32:41,200 --> 00:32:42,200

Here we go.

602

00:32:43,200 --> 00:32:46,200

Jamie starts at the safety distance three quarters of the way up.

603

00:32:53,200 --> 00:32:54,200

Perfect!

604

00:32:56,200 --> 00:32:58,200

You sounded great going down.

605

00:33:01,200 --> 00:33:03,200

It is kind of involuntary.

606

00:33:04,200 --> 00:33:08,200

You see what I mean about not having much of a choice and how things are going?

607

00:33:09,200 --> 00:33:12,200

I didn't keep my legs quite as spread as you were,

608

00:33:12,200 --> 00:33:15,200

which was part of the reason I came off just a hair sideways.

609

00:33:18,200 --> 00:33:19,200

That's kind of painful coming down.

610

00:33:19,200 --> 00:33:22,200

If you're not centered, that's a lot of hit.

611

00:33:24,200 --> 00:33:27,200

Yeah, when I landed on my butt, I'm still sore from that.

612

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

With Jamie's safety run complete, he heads for the top.

613

00:33:34,200 --> 00:33:38,200

Just look at this thing. I mean, who gets to do this?

614

00:33:39,200 --> 00:33:40,200

This is fun.

615

00:33:41,200 --> 00:33:45,200

Fun, but will he be able to fly the full 115 feet of the miss?

616

00:33:47,200 --> 00:33:52,200

From the top, three, two, one.

617

00:33:59,200 --> 00:34:00,200

Oh!

618

00:34:04,200 --> 00:34:05,200

He's okay.

619

00:34:06,200 --> 00:34:08,200

That landing with the little catty wampus.

620

00:34:09,200 --> 00:34:10,200

Jamie made quite a splash.

621

00:34:11,200 --> 00:34:12,200

Oh!

622

00:34:12,200 --> 00:34:16,200

Because according to the GPS, he peaked at 30 miles per hour

623

00:34:16,200 --> 00:34:18,200

and achieved the furthest flight yet.

624

00:34:20,200 --> 00:34:24,200

I just went 30 miles an hour down the ramp and I flew 72 feet.

625

00:34:25,200 --> 00:34:26,200

Oh!

626

00:34:26,200 --> 00:34:31,200

Now, we know looking at the video that the guy had to have traveled about 115 feet.

627

00:34:31,200 --> 00:34:35,200

And backing out from there doing the math, that tells us that he had to be going

628

00:34:35,200 --> 00:34:39,200

about 40 to 45 miles an hour through the air.

629

00:34:39,200 --> 00:34:41,200

Not looking good for the miss.

630

00:34:41,200 --> 00:34:46,200

Yep, the mythical 115 feet is impossible to match.

631

00:34:46,200 --> 00:34:50,200

So next, we'll focus on part two, accuracy.

632

00:34:52,200 --> 00:34:54,200

So you flew 72 feet on that run?

633

00:34:54,200 --> 00:34:55,200

I beat you.

634

00:34:55,200 --> 00:34:56,200

By two feet?

635

00:34:56,200 --> 00:34:57,200

Yes.

636

00:34:57,200 --> 00:35:00,200

But now that leads to the natural question of accuracy.

637

00:35:00,200 --> 00:35:05,200

If we did this on dry land, could we place the pool somewhere where we'd hit it every time and survive?

638

00:35:05,200 --> 00:35:07,200

We can arrange that.

639

00:35:07,200 --> 00:35:08,200

Can I be the one to do it?

640

00:35:08,200 --> 00:35:10,200

Can I be the one to run the test, please, please, please?

641

00:35:10,200 --> 00:35:14,200

Well, with all this enthusiasm, I suppose so.

642

00:35:14,200 --> 00:35:15,200

Excellent, excellent.

643

00:35:15,200 --> 00:35:16,200

I'll suit up.

644

00:35:20,200 --> 00:35:21,200

There you go.

645

00:35:21,200 --> 00:35:22,200

Package for you.

646

00:35:22,200 --> 00:35:28,200

Our trucking trio are testing the myth that you can save gas by only turning right.

647

00:35:28,200 --> 00:35:29,200

Go, go, go.

648

00:35:29,200 --> 00:35:31,200

We got packages.

649

00:35:31,200 --> 00:35:35,200

For their left turn delivery route, they used 6.8 pounds of gas.

650

00:35:35,200 --> 00:35:38,200

But will that change for the right route?

651

00:35:38,200 --> 00:35:41,200

Okay, now it's time for the right hand route.

652

00:35:41,200 --> 00:35:46,200

To keep the scientific, we're driving at the same time of day with the same driving style

653

00:35:46,200 --> 00:35:49,200

and going to the same six destinations.

654

00:35:49,200 --> 00:35:51,200

Just as before, they weigh the fuel cell.

655

00:35:51,200 --> 00:35:54,200

All right, 76.9.

656

00:35:54,200 --> 00:35:56,200

Start the right hand route.

657

00:35:56,200 --> 00:35:57,200

Cool.

658

00:35:57,200 --> 00:36:00,200

And then it's time to start the engines.

659

00:36:00,200 --> 00:36:01,200

Let's do this.

660

00:36:05,200 --> 00:36:08,200

Six packages and using nothing but rights.

661

00:36:08,200 --> 00:36:09,200

This should be interesting.

662

00:36:09,200 --> 00:36:10,200

It should.

663

00:36:10,200 --> 00:36:14,200

For this route, they'll deliver to the same six destinations.

664

00:36:14,200 --> 00:36:18,200

But where there were lefts, they'll make three right turns instead,

665

00:36:18,200 --> 00:36:22,200

meaning they'll cover a total distance of 6.8 miles,

666

00:36:22,200 --> 00:36:25,200

20% further than the last test.

667

00:36:25,200 --> 00:36:27,200

Okay, Fort Mason Gate.

668

00:36:27,200 --> 00:36:28,200

Grant, you ready for this delivery?

669

00:36:28,200 --> 00:36:29,200

It's your first one.

670

00:36:29,200 --> 00:36:30,200

All right, I'm going to pull over.

671

00:36:30,200 --> 00:36:32,200

You jump out and deliver that package.

672

00:36:32,200 --> 00:36:33,200

Go, go.

673

00:36:33,200 --> 00:36:37,200

Once again, a fast and furious Grant delivers the goods.

674

00:36:37,200 --> 00:36:38,200

Go, go, go.

675

00:36:38,200 --> 00:36:40,200

You can make it, Grant.

676

00:36:40,200 --> 00:36:42,200

You can make it.

677

00:36:42,200 --> 00:36:45,200

And Tori is on the right course.

678

00:36:45,200 --> 00:36:48,200

Seems like we're traveling over a lot more distance than this route.

679

00:36:48,200 --> 00:36:50,200

Yeah, but we're not waiting at lights.

680

00:36:50,200 --> 00:36:51,200

Grant's right.

681

00:36:51,200 --> 00:36:53,200

They're not hanging around for this test,

682

00:36:53,200 --> 00:36:56,200

and they're already at their second location.

683

00:36:56,200 --> 00:37:01,200

But will the lack of lights, yet extra distance, save them fuel?

684

00:37:01,200 --> 00:37:04,200

All right, so this is Lombard.

685

00:37:04,200 --> 00:37:06,200

Lombard, you ready?

686

00:37:06,200 --> 00:37:08,200

Keep off walls.

687

00:37:08,200 --> 00:37:12,200

Their last Lombard run was a little sticky.

688

00:37:12,200 --> 00:37:13,200

Oh, f***.

689

00:37:14,200 --> 00:37:15,200

That's so good.

690

00:37:15,200 --> 00:37:17,200

So this time to even the odds,

691

00:37:17,200 --> 00:37:19,200

Tori cruises down in neutral

692

00:37:19,200 --> 00:37:22,200

and restarts the engine at the bottom of the hill

693

00:37:22,200 --> 00:37:25,200

to mimic the same fuel consumption as before.

694

00:37:25,200 --> 00:37:27,200

Go, go, go, go, go.

695

00:37:27,200 --> 00:37:29,200

Are you a fan of mincebusters?

696

00:37:29,200 --> 00:37:30,200

Yeah.

697

00:37:30,200 --> 00:37:31,200

There you go.

698

00:37:31,200 --> 00:37:32,200

There's a package delivered for you.

699

00:37:32,200 --> 00:37:33,200

Thank you.

700

00:37:33,200 --> 00:37:35,200

That's one happy fan.

701

00:37:35,200 --> 00:37:38,200

So it's on to Little Italy.

702

00:37:38,200 --> 00:37:40,200

Cha-cha.

703

00:37:40,200 --> 00:37:42,200

All right.

704

00:37:42,200 --> 00:37:44,200

Okay, go, go, go.

705

00:37:44,200 --> 00:37:45,200

Did you get a signature?

706

00:37:45,200 --> 00:37:47,200

And then Chinatown.

707

00:37:47,200 --> 00:37:49,200

To the belly of the beast.

708

00:37:49,200 --> 00:37:51,200

Chinatown.

709

00:37:51,200 --> 00:37:53,200

Come on, get back here.

710

00:37:53,200 --> 00:37:55,200

Come on, son.

711

00:37:55,200 --> 00:37:57,200

He's faster than I remember.

712

00:37:57,200 --> 00:38:00,200

That's four packages down with only two to go.

713

00:38:00,200 --> 00:38:03,200

Who knew packages could be so exciting?

714

00:38:06,200 --> 00:38:07,200

Should we leave him this time?

715

00:38:07,200 --> 00:38:09,200

Nah, we got one more package still.

716

00:38:09,200 --> 00:38:10,200

I don't want to get out of the car to you.

717

00:38:10,200 --> 00:38:11,200

Nah.

718

00:38:11,200 --> 00:38:15,200

And for the final delivery, there's just one more set of rights

719

00:38:15,200 --> 00:38:16,200

to get to Alamo Square.

720

00:38:16,200 --> 00:38:18,200

All right, here we go.

721

00:38:18,200 --> 00:38:19,200

Last delivery.

722

00:38:19,200 --> 00:38:21,200

Sure would be easier if we could take a left.

723

00:38:21,200 --> 00:38:22,200

Sure would.

724

00:38:22,200 --> 00:38:24,200

And now they're at Alamo Square.

725

00:38:24,200 --> 00:38:26,200

They've done right by the route,

726

00:38:26,200 --> 00:38:29,200

but has going the extra distance saved them gas.

727

00:38:30,200 --> 00:38:31,200

Good enough.

728

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

Let's wait for fuel cell.

729

00:38:34,200 --> 00:38:35,200

All right.

730

00:38:35,200 --> 00:38:37,200

72.9 pounds.

731

00:38:37,200 --> 00:38:42,200

That means we consumed 2.8 pounds less on the right-hand route.

732

00:38:42,200 --> 00:38:43,200

So it's confirmed.

733

00:38:43,200 --> 00:38:45,200

It actually saved you fuel.

734

00:38:45,200 --> 00:38:46,200

Did you right turns only?

735

00:38:47,200 --> 00:38:51,200

Surprisingly enough, although the right-hand route added nine minutes

736

00:38:51,200 --> 00:38:55,200

to their total delivery time, it was more fuel efficient.

737

00:38:56,200 --> 00:38:58,200

The results for this experiment are really, really interesting.

738

00:38:58,200 --> 00:39:00,200

The left-hand route was shorter.

739

00:39:00,200 --> 00:39:04,200

It took less time, but it consumed a lot more fuel.

740

00:39:04,200 --> 00:39:06,200

So this myth is confirmed.

741

00:39:06,200 --> 00:39:08,200

If you're a delivery truck driver in an urban environment,

742

00:39:08,200 --> 00:39:11,200

you're definitely going to want to plan a right-hand route.

743

00:39:11,200 --> 00:39:16,200

But if you're me in a little tiny car, not very practical.

744

00:39:19,200 --> 00:39:21,200

Up next, it's Adam's Accuracy.

745

00:39:21,200 --> 00:39:24,200

From here, the ring looks like the size of a quarter.

746

00:39:24,200 --> 00:39:27,200

As he rings in the waterslide wipeout.

747

00:39:27,200 --> 00:39:31,200

Water slides. They're wet and wild fun.

748

00:39:31,200 --> 00:39:35,200

But could the science of this splash landing be misleading?

749

00:39:37,200 --> 00:39:40,200

A flight of 115 feet is busted.

750

00:39:40,200 --> 00:39:43,200

So now it's all down to accuracy.

751

00:39:44,200 --> 00:39:47,200

To me, the sole of this myth boils down to accuracy.

752

00:39:47,200 --> 00:39:49,200

Is the slider good?

753

00:39:49,200 --> 00:39:51,200

It's a little bit of a shame.

754

00:39:51,200 --> 00:39:53,200

It's a little bit of a shame.

755

00:39:53,200 --> 00:39:56,200

The sole of this myth boils down to accuracy.

756

00:39:56,200 --> 00:39:59,200

Is the slider going to hit the same location repeatedly,

757

00:39:59,200 --> 00:40:01,200

and thus can they place a pool in the middle of a grassy field

758

00:40:01,200 --> 00:40:04,200

and hit it, thus saving their lives?

759

00:40:04,200 --> 00:40:06,200

Okay, so from everything we've done so far,

760

00:40:06,200 --> 00:40:08,200

we've calculated that we're hitting a spot

761

00:40:08,200 --> 00:40:11,200

that's pretty much in the center of that circle behind me.

762

00:40:11,200 --> 00:40:13,200

But here's how I want you to think about this.

763

00:40:13,200 --> 00:40:15,200

Picture that that is dry land.

764

00:40:15,200 --> 00:40:18,200

And the only salvation you have at the end of that dry land

765

00:40:18,200 --> 00:40:21,200

is that circle, which is full of life-saving water

766

00:40:21,200 --> 00:40:23,200

somewhere in the middle of the dry land.

767

00:40:23,200 --> 00:40:26,200

And you are going to trust your life to hitting that target?

768

00:40:27,200 --> 00:40:29,200

I would not.

769

00:40:29,200 --> 00:40:33,200

I personally am really glad that the whole thing is surrounded by water.

770

00:40:33,200 --> 00:40:37,200

I just can't give it 100% that I'm going to hit it.

771

00:40:37,200 --> 00:40:39,200

I'm going to try and hit it. Are you ready?

772

00:40:39,200 --> 00:40:42,200

I'm ready. Go for the gold star.

773

00:40:42,200 --> 00:40:44,200

Dude, I wish you could see it from here.

774

00:40:44,200 --> 00:40:47,200

From here, the ring looks like the size of a quarter.

775

00:40:47,200 --> 00:40:50,200

Well, then you shouldn't have any trouble hitting it.

776

00:40:50,200 --> 00:40:52,200

Okay.

777

00:40:52,200 --> 00:40:54,200

It all comes down to this.

778

00:40:54,200 --> 00:40:59,200

One souped-up super slider and one floating ring of rubber.

779

00:40:59,200 --> 00:41:03,200

Will Adam be accurate enough to ring in this myth?

780

00:41:03,200 --> 00:41:08,200

10, 3, 2, 1.

781

00:41:16,200 --> 00:41:18,200

Yeah!

782

00:41:21,200 --> 00:41:24,200

That was a perfect splash landing.

783

00:41:25,200 --> 00:41:28,200

Dude, I didn't even break it!

784

00:41:28,200 --> 00:41:31,200

Adam's final run propelled him 70 feet

785

00:41:31,200 --> 00:41:35,200

and then directly into the center of the pseudo-kitty pool.

786

00:41:37,200 --> 00:41:41,200

I don't think this is really going to take off as an amusement park ride, though.

787

00:41:43,200 --> 00:41:45,200

It's a little intense for the kids.

788

00:41:46,200 --> 00:41:49,200

Well done.

789

00:41:49,200 --> 00:41:51,200

Thank you.

790

00:41:54,200 --> 00:41:57,200

I am gobsmacked that that works so well.

791

00:41:58,200 --> 00:42:01,200

So Adam's accuracy was actually pretty good.

792

00:42:04,200 --> 00:42:06,200

But let's remember that in the clip,

793

00:42:06,200 --> 00:42:09,200

the pool was about 115 feet away from the end of the ramp.

794

00:42:09,200 --> 00:42:13,200

And that means that if what happened here happened in that clip,

795

00:42:13,200 --> 00:42:17,200

that guy would be splat about in the middle of the run.

796

00:42:17,200 --> 00:42:19,200

Not a good thing.

797

00:42:19,200 --> 00:42:21,200

Not a good thing.

798

00:42:21,200 --> 00:42:23,200

But where does that leave this mega-wush myth?

799

00:42:24,200 --> 00:42:26,200

Well, as far as the distance goes, it's busted

800

00:42:26,200 --> 00:42:29,200

because we'd have to have a slide at least twice as long as this

801

00:42:29,200 --> 00:42:31,200

to get that 115 feet.

802

00:42:31,200 --> 00:42:32,200

But accuracy?

803

00:42:32,200 --> 00:42:35,200

Positivity of the accuracy is the thing I find most astounding in this.

804

00:42:35,200 --> 00:42:38,200

When we started testing this, I would have never called

805

00:42:38,200 --> 00:42:41,200

that we'd be reliably hitting that dot time and again,

806

00:42:41,200 --> 00:42:45,200

that you could somehow set this up on dry land and actually hit the target.

807

00:42:45,200 --> 00:42:48,200

Well, for the myth to be true, both halves have to be true and they're not,

808

00:42:48,200 --> 00:42:49,200

so it's busted.

809

00:42:49,200 --> 00:42:52,200

It's something technical of you, but okay, I'll buy that.

810

00:42:52,200 --> 00:42:53,200

It's busted.

811

00:42:53,200 --> 00:42:55,200

So where's my hundred bucks?

812

00:42:56,200 --> 00:43:00,200

I gotta say, that was the most intense thing I've ever done on this show.

813

00:43:00,200 --> 00:43:03,200

Yeah, well, while we were busting this myth in the field,

814

00:43:03,200 --> 00:43:06,200

our researchers were busting it in cyberspace.

815

00:43:06,200 --> 00:43:07,200

How so?

816

00:43:07,200 --> 00:43:09,200

They contacted the people that made the clip,

817

00:43:09,200 --> 00:43:12,200

and you know what? It was CG.

818

00:43:12,200 --> 00:43:15,200

Ha ha! Double plus busted!

819

00:43:15,200 --> 00:43:16,200

Busted.