

1

00:00:00,000 --> 00:00:12,560

On this episode of Mythbusters, we get behind the wheel, ride the rails and take flight.

2

00:00:12,560 --> 00:00:16,880

As we go behind the scenes, get the inside story.

3

00:00:16,880 --> 00:00:19,360

He for some reason forgot to turn off the key.

4

00:00:19,360 --> 00:00:22,800

You're sitting there watching it, your mind cannot process it.

5

00:00:22,880 --> 00:00:27,440

Countdown the top 12 plane, train and automobile moments.

6

00:00:28,960 --> 00:00:32,800

That was definitely the strangest thing I had ever done in my life up till that point.

7

00:00:34,400 --> 00:00:36,640

Today it's just another day at the office.

8

00:00:39,520 --> 00:00:40,960

Who are the Mythbusters?

9

00:00:42,000 --> 00:00:42,880

Adam Savage.

10

00:00:43,840 --> 00:00:45,120

It's scientific.

11

00:00:45,120 --> 00:00:46,640

And Jamie Heineman.

12

00:00:46,640 --> 00:00:48,240

Is that hot enough for ya?

13

00:00:48,240 --> 00:00:52,000

Between them more than 30 years of special effects experience.

14

00:00:52,880 --> 00:00:55,520

Joining them, Grant Imahara.

15

00:00:55,520 --> 00:00:56,240

He's a liar.

16

00:00:57,280 --> 00:00:58,320

Carrie Byron.

17

00:00:58,320 --> 00:01:00,560

I was less excited after my first kiss.

18

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

And Tori Bellegi.

19

00:01:01,840 --> 00:01:03,920

That was the coolest thing I've ever done.

20

00:01:03,920 --> 00:01:07,840

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

21

00:01:15,120 --> 00:01:21,280

Buckle up and stay on track because it's chocks away for the planes, trains and automobiles special.

22

00:01:22,800 --> 00:01:31,520

What are you doing?

23

00:01:32,080 --> 00:01:37,360

Oh, I'm adding a little special effects wizardry to the opening of the show.

24

00:01:37,920 --> 00:01:39,120

Wizardry, huh?

25

00:01:39,120 --> 00:01:40,400

Yeah, check it out.

26

00:01:40,400 --> 00:01:41,600

I could be in space.

27

00:01:44,560 --> 00:01:45,920

Or underwater.

28

00:01:46,400 --> 00:01:52,080

Or in the case of this particular episode, a plane, a train or an automobile.

29

00:01:52,080 --> 00:01:54,080

That's what this whole episode is going to be about.

30

00:01:54,080 --> 00:02:00,560

Our favorite behind the scenes moment and never told tales about anything we've ever had to do with planes, trains and automobiles.

31

00:02:00,560 --> 00:02:02,560

You mean like when you peed on the third rail?

32

00:02:02,560 --> 00:02:03,040

Oh, exact.

33

00:02:03,040 --> 00:02:03,760

There we go.

34

00:02:03,760 --> 00:02:06,080

Or when you got sick with the Blue Angels?

35

00:02:06,080 --> 00:02:06,720

Precisely.

36

00:02:06,720 --> 00:02:09,360

Or like when you crashed your concrete glider?

37

00:02:09,360 --> 00:02:13,600

Okay, are we going to be totally negative about everything to do with this episode?

38

00:02:13,600 --> 00:02:15,200

No, I'll go along for the ride.

39

00:02:15,200 --> 00:02:15,840

Good.

40

00:02:15,840 --> 00:02:16,800

Let's go.

41

00:02:20,800 --> 00:02:24,480

And to kick-start this dirty dozen, where do we begin?

42

00:02:26,640 --> 00:02:29,040

Vehicles have always been fertile for us.

43

00:02:29,920 --> 00:02:34,320

You might even say that vehicles have provided the cornerstone of mid-buster material.

44

00:02:34,320 --> 00:02:38,480

Trying to pick out 12 moments in all of these years?

45

00:02:38,480 --> 00:02:43,120

It's going to be tricky, but if we're going to start anywhere, I would start with planes.

46

00:02:45,120 --> 00:02:45,760

Roger that.

47

00:02:48,240 --> 00:02:52,880

Because the aviation wing of Mythbusters has been in full swing for some time.

48

00:02:55,280 --> 00:02:58,720

And for our first moment, here's Captain Heinemann.

49

00:02:58,720 --> 00:03:01,920

Ladies and gentlemen, this is your captain speaking.

50

00:03:01,920 --> 00:03:03,920

Put your tray tables on the ground.

51

00:03:04,720 --> 00:03:07,280

Ladies and gentlemen, this is your captain speaking.

52

00:03:07,280 --> 00:03:10,800

Put your tray tables and your seats in the full upright position.

53

00:03:10,800 --> 00:03:15,280

Make sure you have all your seatbelts engaged and kiss your ass goodbye.

54

00:03:16,320 --> 00:03:21,120

It's the magic moment the Mythbusters earn their wings being talked into land.

55

00:03:22,160 --> 00:03:24,880

The pilot has died for some reason.

56

00:03:24,880 --> 00:03:27,120

I'm the one they turned to to land the plane.

57

00:03:27,120 --> 00:03:28,880

I get on the horn and say hello.

58

00:03:30,160 --> 00:03:31,040

Hello.

59

00:03:31,040 --> 00:03:34,560

Air traffic control, dog, we had a fly this beast.

60

00:03:34,560 --> 00:03:37,840

Land these people safely man and he says yes.

61

00:03:38,720 --> 00:03:40,400

That's my task.

62

00:03:40,400 --> 00:03:44,720

And to test that, they got their hands on one heck of a big boy's toy.

63

00:03:45,360 --> 00:03:48,800

Over the years, we've been given some pretty amazing toys to play with.

64

00:03:48,800 --> 00:03:50,560

The Bloodhound, for beat the Bloodhound.

65

00:03:53,200 --> 00:03:54,800

Fighter jets for Sonic Boom.

66

00:03:55,760 --> 00:03:57,120

Oh, holy crap.

67

00:03:57,120 --> 00:04:01,840

And that huge hurricane producing thing called the Medusa for Hurricane Window.

68

00:04:02,880 --> 00:04:04,400

That is awesome.

69

00:04:04,400 --> 00:04:09,200

But we've never been actually allowed to fly a plane for an experiment.

70

00:04:09,200 --> 00:04:12,800

It turns out the FAA is pretty strict about the rules

71

00:04:12,800 --> 00:04:15,760

and where someone's allowed to fly a plane and we don't apply.

72

00:04:16,560 --> 00:04:21,360

But thanks to air traffic controller Terry Rager, they didn't need to take to the sky.

73

00:04:22,320 --> 00:04:23,120

Welcome aboard.

74

00:04:24,000 --> 00:04:26,560

Eventually we were able to get the next best thing

75

00:04:26,560 --> 00:04:29,200

and we got access to a flight simulator at NASA.

76

00:04:30,080 --> 00:04:34,320

Of course, we broke it in the process, but what are you going to do?

77

00:04:35,760 --> 00:04:40,400

But the control where the guys had to land without any assistance from the tower.

78

00:04:42,240 --> 00:04:43,680

Terrain, okay.

79

00:04:43,680 --> 00:04:45,280

That means I'm really close to the terrain.

80

00:04:46,320 --> 00:04:48,960

Went just about as well as could be expected.

81

00:04:49,840 --> 00:04:52,080

I pretty much crashed and burned almost immediately.

82

00:04:52,080 --> 00:04:53,440

It was it was grizzly.

83

00:04:53,440 --> 00:04:54,400

Okay, wait.

84

00:04:59,760 --> 00:05:01,680

Oh, I don't think I did so well.

85

00:05:01,680 --> 00:05:05,760

I was really surprised how difficult it was to try and fly that plane with no

86

00:05:05,760 --> 00:05:07,200

help and no experience at all.

87

00:05:07,840 --> 00:05:12,400

The thing was that all the gauges in the plane, they're not really labeled.

88

00:05:13,680 --> 00:05:15,360

I need to find my speed.

89

00:05:15,360 --> 00:05:16,640

Why can't I find my speed?

90

00:05:17,440 --> 00:05:20,480

And inside the ultra realistic simulator,

91

00:05:20,480 --> 00:05:24,240

not being able to find the controls was the least of Jamie's problems.

92

00:05:26,320 --> 00:05:27,760

Why is it telling me not to think?

93

00:05:29,360 --> 00:05:34,480

We were wondering what sort of narrative occurred at the FAA for them to put this

94

00:05:34,480 --> 00:05:38,640

phrase into a plane to start yelling at the pilot under some kind of crash conditions.

95

00:05:38,640 --> 00:05:39,200

Don't think?

96

00:05:41,200 --> 00:05:42,240

Yeah, shut up.

97

00:05:42,240 --> 00:05:46,160

It was only later we realized that the plane was saying, don't sink.

98

00:05:46,960 --> 00:05:53,840

Oh, and after two crash landings, enter air control, swami Terry.

99

00:05:53,840 --> 00:05:56,560

Okay, could he talk our rookie pilots down?

100

00:05:57,200 --> 00:06:02,400

The most astonishing thing was though, with guidance from our air traffic controller,

101

00:06:03,040 --> 00:06:04,880

we were able to land the plane.

102

00:06:04,880 --> 00:06:06,560

Okay, what's your pitch out attitude?

103

00:06:06,560 --> 00:06:08,080

Oh, I'm at five degrees.

104

00:06:08,720 --> 00:06:09,760

Very good.

105

00:06:09,760 --> 00:06:15,600

Yep, despite flying blind, Terry calmly and precisely talked not just one myth buster.

106

00:06:17,360 --> 00:06:19,520

Ah, congratulations, Jamie.

107

00:06:19,520 --> 00:06:20,560

You made it.

108

00:06:20,560 --> 00:06:22,880

About two through two landings.

109

00:06:23,600 --> 00:06:24,640

Okay, pull those out.

110

00:06:29,200 --> 00:06:33,520

That plane wasn't going to fly again, but all the people inside of it were alive.

111

00:06:33,520 --> 00:06:37,280

It might have been a different story with 300 passengers, but quite honestly,

112

00:06:37,280 --> 00:06:41,440

if if I'm ever in a plane and someone asks, can someone fly this plane?

113

00:06:41,440 --> 00:06:43,280

I might just raise my hand.

114

00:06:43,680 --> 00:06:48,000

Next is a moment about staying on your toes.

115

00:06:51,600 --> 00:06:55,120

Though towing is our best choice when we're trying to crash vehicles,

116

00:06:55,120 --> 00:06:56,560

because we're not going to drive them.

117

00:06:58,000 --> 00:06:59,680

It can't present a few problems.

118

00:07:00,480 --> 00:07:01,120

Indeed.

119

00:07:01,120 --> 00:07:04,240

And those problems are familiar to every mythbusters viewer.

120

00:07:04,880 --> 00:07:06,320

Is that going to go into the water?

121

00:07:06,320 --> 00:07:08,880

No, no, no, no, no, no, no, no, no, no, no, no, no, no, no, no, no, no, yes!

122

00:07:09,760 --> 00:07:13,120

Which is why occasionally we get professional help.

123

00:07:17,520 --> 00:07:19,680

Specifically in the area of crashes.

124

00:07:22,000 --> 00:07:26,880

We've needed a level of accuracy that exceeds anything we've been able to achieve on the show.

125

00:07:26,880 --> 00:07:31,200

And in those cases, we've actually resorted to specialized crash test facilities.

126

00:07:34,160 --> 00:07:35,360

Not these testing facilities.

127

00:07:35,360 --> 00:07:36,960

They crash cars all the time.

128

00:07:39,440 --> 00:07:43,200

That was so Hollywood!

129

00:07:45,680 --> 00:07:46,720

They have ironed out all the butts.

130

00:07:46,720 --> 00:07:48,160

They do this every single day.

131

00:07:49,280 --> 00:07:51,200

Except for when we show up.

132

00:07:52,480 --> 00:07:55,520

For instance, instant convertible.

133

00:07:55,520 --> 00:07:57,840

I don't think that went quite as planned.

134

00:07:58,480 --> 00:07:59,840

Not quite as planned.

135

00:07:59,840 --> 00:08:03,600

But it's no accident that this memorable mistake made the countdown.

136

00:08:04,560 --> 00:08:09,120

And we are testing the myth that you can drive a car underneath a semi-truck trailer.

137

00:08:10,320 --> 00:08:14,320

Cut the top off, turn it into a convertible and continue on driving.

138

00:08:14,320 --> 00:08:15,360

Get in there.

139

00:08:15,360 --> 00:08:16,320

All right, good luck buddy.

140

00:08:17,840 --> 00:08:18,800

Myth seems simple.

141

00:08:18,800 --> 00:08:20,320

The setup was simple.

142

00:08:20,320 --> 00:08:22,640

But getting the thing to work was far from simple.

143

00:08:28,400 --> 00:08:30,800

Now we knew the roof was going to come off.

144

00:08:30,800 --> 00:08:32,480

We knew we were getting ourselves a convertible.

145

00:08:33,040 --> 00:08:34,880

And 70!

146

00:08:39,360 --> 00:08:42,560

What we didn't know is that it wouldn't stop.

147

00:08:42,560 --> 00:08:43,600

It kept going.

148

00:08:46,400 --> 00:08:51,200

Sometimes failure is not only an option, it's a spectacular surprise.

149

00:08:54,880 --> 00:08:56,400

What's on the other side of that berm?

150

00:08:58,080 --> 00:08:58,560

Uh-oh.

151

00:08:59,040 --> 00:09:00,240

Ha ha ha.

152

00:09:00,240 --> 00:09:05,440

When I watched the rough cut and saw that look on Carrie's face,

153

00:09:05,440 --> 00:09:10,160

that mix of fear, panic and excitement all together,

154

00:09:12,160 --> 00:09:18,080

if there is one facial expression that sums up the totality of Mythbusters, that would be it.

155

00:09:19,600 --> 00:09:22,400

Yep, you'd think the Mythbusters would be used to it by now.

156

00:09:22,400 --> 00:09:24,880

They should always expect the unexpected.

157

00:09:28,560 --> 00:09:32,800

What I always wanted to imagine is what the people on the freeway were thinking

158

00:09:32,800 --> 00:09:36,400

when they saw a car fly up into the air vertically.

159

00:09:37,040 --> 00:09:39,840

That must have been a crazy sight.

160

00:09:39,840 --> 00:09:43,440

It was one of those moments where I'm glad nobody got hurt,

161

00:09:43,440 --> 00:09:45,920

but I'm also very glad that it went so wrong.

162

00:09:46,800 --> 00:09:49,440

After the break, there's more automotive mayhem.

163

00:09:50,000 --> 00:09:51,920

Well there's your problem.

164

00:09:51,920 --> 00:09:53,520

And even a flying car.

165

00:09:59,360 --> 00:10:09,680

There's more rails, wheels and wings as we count down the top 12 plane, train and automobile moments.

166

00:10:11,280 --> 00:10:14,960

Next is the story that proves road rage doesn't pay.

167

00:10:15,920 --> 00:10:20,320

I think it's the fact that either rising gas prices hit us all where we live,

168

00:10:20,320 --> 00:10:24,640

or the fact that everybody at some point or another has had to tinker with their car.

169

00:10:24,640 --> 00:10:26,320

Well there's your problem.

170

00:10:26,400 --> 00:10:29,120

And thus can really kind of get into what we're talking about.

171

00:10:29,120 --> 00:10:32,560

We've done truck tailgate up or down, windows versus AC.

172

00:10:32,560 --> 00:10:35,120

This test is being done by professional drivers on the closed track.

173

00:10:35,120 --> 00:10:36,160

Your results may differ.

174

00:10:36,160 --> 00:10:39,760

We've done dirty versus clean car and turned a car into a golf ball.

175

00:10:39,760 --> 00:10:42,240

Fact is it worked. I feel like eating my beret.

176

00:10:43,040 --> 00:10:47,360

We've also tried a whole bunch of mythical gadgets you could purchase like magnets and

177

00:10:47,360 --> 00:10:50,000

super carburetor filters and all sorts of other crap.

178

00:10:50,000 --> 00:10:51,520

This is such total of horse.

179

00:10:52,080 --> 00:10:58,000

Ha ha. None of it has increased fuel efficiency by more than two or three percent.

180

00:10:58,000 --> 00:11:03,120

And most of it hasn't worked at all until Kari Grant and Tori tested whether or not

181

00:11:03,120 --> 00:11:06,240

your mood had a large effect on your fuel efficiency.

182

00:11:06,240 --> 00:11:11,920

And it's the astonishing result of don't drive angry that puts this story into the countdown.

183

00:11:12,960 --> 00:11:19,360

After the boys had completed driving the circuit normally, Kari began her psychological torture.

184

00:11:19,360 --> 00:11:23,840

So getting to the truth of this myth is not something that I remember fondly.

185

00:11:25,440 --> 00:11:27,760

There are a lot of people that don't understand this.

186

00:11:28,320 --> 00:11:30,800

Nine out of 10 people do not understand this.

187

00:11:30,800 --> 00:11:35,760

However, that 10th person is like, yes, I totally get you.

188

00:11:35,760 --> 00:11:37,520

And I don't like the fish touching me either.

189

00:11:41,840 --> 00:11:45,760

Imagine this being stuck in a car, loud noises,

190

00:11:46,720 --> 00:11:47,760

blaring in your ear.

191

00:11:53,120 --> 00:11:54,960

A rat crawling all over your body.

192

00:11:54,960 --> 00:11:56,240

Where did those rats go?

193

00:11:56,880 --> 00:11:57,680

Where did you go?

194

00:11:58,480 --> 00:11:58,880

You have to.

195

00:12:02,480 --> 00:12:04,080

How do you think you would drive?

196

00:12:04,080 --> 00:12:08,800

Well, as it turned out, three times more extensively than a mild-mattered driver.

197

00:12:09,680 --> 00:12:14,160

Which is to me that, you know, people who drive angry are going to be angry, not only

198

00:12:14,160 --> 00:12:19,440

it's people on the road, but they're going to be really angry because they're using all this gas.

199

00:12:19,440 --> 00:12:21,520

And then they're going to be even more angry at that.

200

00:12:22,160 --> 00:12:25,520

So remember to save on gas and cash.

201

00:12:25,520 --> 00:12:26,880

Don't drive angry.

202

00:12:28,320 --> 00:12:30,800

And at number nine, we're bending the rules.

203

00:12:32,880 --> 00:12:35,840

Plains, trains and automobiles are all very well and good.

204

00:12:35,840 --> 00:12:39,600

But when you're talking sheer fun, nothing beats a motorcycle.

205

00:12:39,680 --> 00:12:48,720

You're not strictly within the remit, but the mythbusters and bikes have a memorable relationship.

206

00:12:51,280 --> 00:12:57,200

None more so than trying the Indiana Jones myth that a flagpole could flip a motorcycle.

207

00:12:57,760 --> 00:13:00,640

Three, two, one, go!

208

00:13:05,200 --> 00:13:09,920

It totally doesn't work like that, but it was really fun to dress up as Indiana Jones.

209

00:13:12,720 --> 00:13:17,360

Jeannie actually got into the character of Henry Jones and called me Junior.

210

00:13:21,440 --> 00:13:23,440

Well, the timing was perfect.

211

00:13:23,440 --> 00:13:24,560

If you say so, Junior.

212

00:13:25,280 --> 00:13:30,800

But that was just a precursor to the ultimate in motorcycle mayhem.

213

00:13:31,360 --> 00:13:35,760

Without a doubt, the best two-wheel story we've ever done is tablecloth chaos.

214

00:13:36,880 --> 00:13:41,520

The myth here was that you could pull a tablecloth out from under a banquet table full of settings

215

00:13:42,080 --> 00:13:43,840

without upsetting a single dish.

216

00:13:44,720 --> 00:13:47,520

But here's the catch, using a motorcycle.

217

00:13:48,080 --> 00:13:51,680

What other story has Jamie trotting out his muscle bike?

218

00:13:51,680 --> 00:13:57,840

Walking around for several days in full leathers, which he didn't complain about in one bit.

219

00:13:58,480 --> 00:14:03,920

And then the repeated destruction of flatware and China tumbling onto the ground.

220

00:14:08,320 --> 00:14:11,360

I've been riding a bike since before I had a driver's license,

221

00:14:11,360 --> 00:14:13,040

so I never miss an opportunity.

222

00:14:13,040 --> 00:14:19,120

And especially on this show, because we're often allowed to do things that you're really not supposed to do on a road.

223

00:14:19,280 --> 00:14:23,120

Despite Jamie pushing the throttle to 105 miles per hour,

224

00:14:23,120 --> 00:14:27,680

it was impossible to pull off this trick without filmic fakery.

225

00:14:27,680 --> 00:14:30,560

A lot of viewers wrote in after that episode and said,

226

00:14:30,560 --> 00:14:33,360

my bike goes a lot of faster than 100 miles an hour.

227

00:14:33,360 --> 00:14:34,560

I could have done that stunt.

228

00:14:35,120 --> 00:14:36,160

You missed the point.

229

00:14:36,160 --> 00:14:38,960

The point was taking off a dead stop.

230

00:14:39,600 --> 00:14:45,280

And you're just not going to get anywhere near fast enough to do that with any kind of vehicle.

231

00:14:45,920 --> 00:14:47,120

Nope, it won't work.

232

00:14:47,360 --> 00:14:52,160

Unless like Adam and Jamie, you use special effects wizardry.

233

00:14:58,000 --> 00:14:58,640

It's busted.

234

00:14:59,600 --> 00:15:03,200

At number eight, it's the myth that a car could skip a leg.

235

00:15:04,880 --> 00:15:09,200

Car skip was one of those stories that happened while I was on maternity leave.

236

00:15:09,200 --> 00:15:11,440

The car is armed. This is it, you guys.

237

00:15:11,440 --> 00:15:11,840

Hit it.

238

00:15:13,440 --> 00:15:15,600

It was the perfect myth buster story.

239

00:15:15,680 --> 00:15:18,880

Perfect. But the start didn't go quite to plan,

240

00:15:18,880 --> 00:15:22,240

which is often the case with our remote control escapades.

241

00:15:22,880 --> 00:15:24,480

That car didn't skip.

242

00:15:24,480 --> 00:15:27,280

Now Grant is known for his remote control skills.

243

00:15:27,280 --> 00:15:30,480

I don't know if he did a lot of video gaming when he was a kid,

244

00:15:30,480 --> 00:15:34,400

but he is our go to guy when it comes to their remote control.

245

00:15:34,400 --> 00:15:37,920

And with good reason because this car had a nitrous booster,

246

00:15:37,920 --> 00:15:39,920

making it twice as fast.

247

00:15:39,920 --> 00:15:42,800

And also exponentially harder to control.

248

00:15:42,800 --> 00:15:45,920

I could potentially have a rocket on my hands.

249

00:15:46,640 --> 00:15:49,280

With that kind of power comes a lot of pressure.

250

00:15:50,080 --> 00:15:51,280

This is crazy, man.

251

00:15:51,280 --> 00:15:52,640

This is totally crazy.

252

00:15:52,640 --> 00:15:54,560

We're like Thelma and Louise.

253

00:15:54,560 --> 00:15:54,960

We are.

254

00:15:56,640 --> 00:16:00,160

In three, two, one, hit it.

255

00:16:00,160 --> 00:16:04,880

But it was water off at Dutch back as Grant skipped the car across the lake

256

00:16:05,600 --> 00:16:07,760

and into remote control history.

257

00:16:10,240 --> 00:16:12,240

Please skip the car across the lake.

258

00:16:12,720 --> 00:16:13,360

Yeah.

259

00:16:15,040 --> 00:16:21,520

That is a moment of joy for me to see that car get across the lake

260

00:16:21,520 --> 00:16:23,840

and then just keep going.

261

00:16:24,720 --> 00:16:28,160

I mean, that's sort of the pinnacle of an experiment

262

00:16:28,160 --> 00:16:30,000

when it works exactly as you planned.

263

00:16:36,400 --> 00:16:40,240

Buckle up because this moment is all about designated drivers.

264

00:16:40,560 --> 00:16:40,960

Whoa.

265

00:16:41,760 --> 00:16:42,880

Looking good, Grant.

266

00:16:43,440 --> 00:16:44,480

Hey, on target.

267

00:16:45,040 --> 00:16:46,960

It's fun to make cars remote control.

268

00:16:50,640 --> 00:16:53,280

But when you need real precision in a myth,

269

00:16:55,120 --> 00:16:56,480

you got to drive the cars yourself.

270

00:16:59,520 --> 00:17:02,320

And thanks to some extreme driving tuition.

271

00:17:03,120 --> 00:17:04,400

Sorry about that.

272

00:17:04,400 --> 00:17:07,760

The mythbusters have tried all kinds of stunt driving.

273

00:17:07,760 --> 00:17:09,120

Okay, I'm buckling up.

274

00:17:11,200 --> 00:17:15,360

But for Grant, the biggest test of his wheel man skills

275

00:17:15,360 --> 00:17:20,560

bringing it on in was for finding out if you can save fuel by drafting.

276

00:17:20,560 --> 00:17:25,840

They wanted me to drive within inches of the rear bumper.

277

00:17:25,840 --> 00:17:28,000

That is crazy.

278

00:17:28,880 --> 00:17:30,000

Yeah, boy.

279

00:17:30,480 --> 00:17:33,280

Which is a really scary thing.

280

00:17:33,280 --> 00:17:36,080

I mean, it's it's one of the scariest things you can do in a car.

281

00:17:38,080 --> 00:17:38,720

Nicely done.

282

00:17:41,040 --> 00:17:45,680

Grant confirmed that drafting saved fuel, but they weren't finished yet.

283

00:17:45,680 --> 00:17:46,880

Here you go, Power Ranger.

284

00:17:46,880 --> 00:17:48,880

All right, I'm going to go save the universe.

285

00:17:49,520 --> 00:17:52,240

Now, one thing that didn't actually make the show

286

00:17:52,240 --> 00:17:55,680

is the fact that we not only did drafting with a car, but with a bicycle.

287

00:17:56,240 --> 00:17:59,360

Tori drafted a big rig on a bicycle.

288

00:18:00,240 --> 00:18:01,200

I just go.

289

00:18:01,200 --> 00:18:03,920

I just had like a helmet and some body armor.

290

00:18:03,920 --> 00:18:06,320

20 miles per hour maintaining speed.

291

00:18:06,320 --> 00:18:09,120

I mean, if that truck goes off course or stops,

292

00:18:09,120 --> 00:18:10,800

I'm going to be right underneath the back of it.

293

00:18:10,800 --> 00:18:12,800

Maintaining 20 miles per hour.

294

00:18:13,600 --> 00:18:14,800

That's not going to be good.

295

00:18:14,800 --> 00:18:16,800

Luckily, Tori stayed in the saddle.

296

00:18:17,440 --> 00:18:18,480

This is ridiculous.

297

00:18:18,480 --> 00:18:22,960

It's so easy and proved that drafting on a bike is a smooth ride.

298

00:18:24,000 --> 00:18:25,840

Once I got up to 20 miles an hour,

299

00:18:25,840 --> 00:18:27,840

it felt like there was no resistance whatsoever.

300

00:18:28,640 --> 00:18:34,400

But when it comes to big rigs and stunt driving, one myth reigns supreme.

301

00:18:34,400 --> 00:18:35,840

I can't wait to do this.

302

00:18:35,840 --> 00:18:39,920

The stunt driving move that I'm most proud of on the show has to be Knight Rider.

303

00:18:39,920 --> 00:18:42,640

The point of the story was to see whether you could drive onto

304

00:18:42,640 --> 00:18:44,720

or off of a moving semi-trailer truck.

305

00:18:45,680 --> 00:18:50,640

The TV show may have made it look easy, but for Adam, it was anything but.

306

00:18:52,080 --> 00:18:54,960

So the testing procedure looks like it's pretty straight forward.

307

00:18:54,960 --> 00:18:57,200

Truck drives in front of me with a ramp down

308

00:18:57,200 --> 00:19:01,440

while I drive up behind it at 55 miles an hour and drive up the ramp and into the truck,

309

00:19:01,440 --> 00:19:03,120

except that it started to rain.

310

00:19:04,080 --> 00:19:05,040

We couldn't abort.

311

00:19:05,040 --> 00:19:07,360

We only had one more day at that location.

312

00:19:07,360 --> 00:19:12,320

So I had to do that stunt without actually being able to see the 18-wheeler in front of me

313

00:19:12,320 --> 00:19:14,960

until I was right up on top of it.

314

00:19:14,960 --> 00:19:17,600

And this spray of rain is spraying in my windshield.

315

00:19:17,600 --> 00:19:21,680

And I'm going on pure faith that I've aimed the car correctly, which I did.

316

00:19:22,560 --> 00:19:23,520

And luckily it worked.

317

00:19:29,600 --> 00:19:32,800

The stunt certainly worked, but one thing didn't.

318

00:19:33,920 --> 00:19:37,760

There was one problem with the sequence, and it was in terms of coverage.

319

00:19:37,760 --> 00:19:40,240

Back then on MythBusters, we were using tape cameras,

320

00:19:40,240 --> 00:19:43,120

magnetic tape read by little magnetic heads.

321

00:19:43,120 --> 00:19:46,960

And at the moment, my car hit the ramp of the 18-wheeler.

322

00:19:46,960 --> 00:19:50,560

We bumped all the cameras, disengaged the heads for a second,

323

00:19:50,560 --> 00:19:55,280

and they all stopped recording for that key moment when I went into the 18-wheeler.

324

00:19:55,280 --> 00:19:58,240

Thankfully, however, the main camera caught all the action.

325

00:19:59,280 --> 00:20:02,720

Just like it did when Jamie tried this stunt backwards.

326

00:20:03,200 --> 00:20:07,280

That night writer stunt was either the most fun I've ever had with a car

327

00:20:07,280 --> 00:20:09,120

or the most terrifying, I'm not sure which.

328

00:20:10,480 --> 00:20:12,320

Fun and terrifying.

329

00:20:12,320 --> 00:20:14,560

That's exactly why it makes the list.

330

00:20:14,560 --> 00:20:15,840

Well, for now at least.

331

00:20:18,400 --> 00:20:22,000

Would I say that was the apex of my stunt driving career?

332

00:20:22,000 --> 00:20:23,040

I wouldn't think so.

333

00:20:23,040 --> 00:20:25,680

I would like to think that the high points are yet to come.

334

00:20:26,320 --> 00:20:30,720

Indeed, at our next high point is the most controversial myth of all.

335

00:20:31,680 --> 00:20:36,480

I must say I was surprised when playing on a conveyor belt turned out to be so darn controversial.

336

00:20:37,040 --> 00:20:40,960

This myth was basically a thought experiment that said that if you were a plane trying to

337

00:20:40,960 --> 00:20:46,080

take off on a conveyor belt that was going in the opposite direction that the plane wanted to go,

338

00:20:46,080 --> 00:20:47,200

you wouldn't be able to take off.

339

00:20:49,520 --> 00:20:54,160

In the beginning, Jamie didn't even want to do this story because when I first explained to him

340

00:20:54,160 --> 00:20:56,480

that it was a controversial concept, he was like,

341

00:20:56,480 --> 00:20:58,640

why would anyone believe the plane wouldn't take off?

342

00:20:58,640 --> 00:20:59,920

That's idiotic.

343

00:21:00,000 --> 00:21:04,480

It was like, I'm going to be able to fly if I flap my arms fast enough.

344

00:21:04,480 --> 00:21:05,280

It's not going to happen.

345

00:21:05,840 --> 00:21:13,200

I had to print out two inch thick pile of internet arguments to show him that this was

346

00:21:13,200 --> 00:21:15,280

absolutely worth us doing on the show.

347

00:21:15,280 --> 00:21:17,600

And once they started testing, I'm ready.

348

00:21:17,600 --> 00:21:18,560

Okay, go.

349

00:21:18,560 --> 00:21:24,080

Their mini plane and makeshift conveyor belt proved the myth was clear for takeoff.

350

00:21:24,080 --> 00:21:25,440

Is that a flying plane?

351

00:21:26,160 --> 00:21:29,040

That is a flying plane and it was on the paper when it took off.

352

00:21:29,760 --> 00:21:30,480

Excellent.

353

00:21:31,840 --> 00:21:33,920

So it was time to go full scale.

354

00:21:35,760 --> 00:21:39,920

Because we couldn't find a conveyor belt that would accommodate an airplane taking off,

355

00:21:39,920 --> 00:21:44,400

we decided to go out to a runway and just cover the entire runway

356

00:21:44,400 --> 00:21:46,880

with a material that was like a conveyor belt.

357

00:21:46,880 --> 00:21:49,280

It's like making a very big bed.

358

00:21:49,280 --> 00:21:50,240

And then we pulled it.

359

00:21:50,800 --> 00:21:52,720

A light sport, you're clear to take off.

360

00:21:52,720 --> 00:21:57,280

All right, this is full size airplane on a conveyor belt for real this time.

361

00:21:58,240 --> 00:21:59,200

Go Jamie, go.

362

00:22:01,200 --> 00:22:04,320

The result of the test showed that the plane actually was able to take off.

363

00:22:06,960 --> 00:22:12,800

Because what the wheels are doing on the ground doesn't have any relevance to what the plane is doing.

364

00:22:19,120 --> 00:22:23,600

The plane flies by moving forward through the air and there's nothing that is happening

365

00:22:23,600 --> 00:22:25,920

with the conveyor belt that is keeping it from doing that.

366

00:22:27,280 --> 00:22:28,320

That was beautiful.

367

00:22:29,120 --> 00:22:34,640

But despite proving once and for all that a plane on a conveyor belt would take to the air,

368

00:22:34,640 --> 00:22:39,200

believe it or not, there are still some who say the plane would remain grounded.

369

00:22:39,200 --> 00:22:44,320

For those of you who still do not believe me, here is an experiment you can actually do at home.

370

00:22:44,320 --> 00:22:48,560

Go buy yourself a little balsa wood airplane with a rubber band propeller.

371

00:22:48,560 --> 00:22:52,160

Take that treadmill you've had sitting in the closet and pull it out into the living room

372

00:22:52,160 --> 00:22:54,000

and turn it on its highest setting.

373

00:22:54,560 --> 00:22:56,960

Put the plane on it and you will notice

374

00:22:57,360 --> 00:23:01,520

that no matter how fast your treadmill is going in the opposite direction,

375

00:23:01,520 --> 00:23:03,120

that plane will still move forward.

376

00:23:03,760 --> 00:23:04,720

Myth busted.

377

00:23:05,600 --> 00:23:06,320

Coming right up.

378

00:23:06,960 --> 00:23:08,320

What can I say? It's nuts.

379

00:23:08,320 --> 00:23:10,400

It's the kind of thing you'll only see on nuthbusters.

380

00:23:15,280 --> 00:23:18,000

So far on planes, trains and automobiles,

381

00:23:20,000 --> 00:23:22,960

getting from A to B has never been so much fun.

382

00:23:23,440 --> 00:23:25,760

Ha-ha-ha-ha-ha-ha-ha-ha-ha-ha.

383

00:23:25,760 --> 00:23:30,400

And coming in at number five is a myth all about risking life and limb.

384

00:23:31,280 --> 00:23:34,320

Now a lot of times on the show we have to use a human being to test the myth.

385

00:23:34,320 --> 00:23:35,360

There's no way around it.

386

00:23:36,720 --> 00:23:41,040

And when it comes to thrills and spills, one shocking moment has it all.

387

00:23:42,560 --> 00:23:47,520

Urinating on the third rail was about somebody that peed on the electrified portion of a railroad.

388

00:23:47,520 --> 00:23:49,680

Allegedly, he got electrocuted.

389

00:23:50,640 --> 00:23:52,560

Testing this involved several key components.

390

00:23:52,960 --> 00:23:56,880

We had to replicate an anatomically correct human body.

391

00:23:56,880 --> 00:23:59,480

That body had to be able to urinate.

392

00:23:59,480 --> 00:24:01,320

Looks like a pretty convincing stream to me.

393

00:24:01,320 --> 00:24:02,320

Yeah.

394

00:24:02,320 --> 00:24:05,880

And we had to have an electrified third rail.

395

00:24:05,880 --> 00:24:09,240

And to replicate an accurate human flow rate,

396

00:24:09,240 --> 00:24:12,320

they needed a point of comparison.

397

00:24:12,320 --> 00:24:19,440

And at that point, I had to pee on high-speed camera.

398

00:24:19,440 --> 00:24:21,840

All right, here we go.

399

00:24:21,840 --> 00:24:24,280

This is not our ballistics dummy that we're looking at here,

400

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

right?

401

00:24:25,120 --> 00:24:27,600

Peeing for the high-speed camera was definitely

402

00:24:27,600 --> 00:24:30,480

the strangest thing I had ever done in my life up till that point.

403

00:24:30,480 --> 00:24:33,240

Today, it's just another day at the office.

404

00:24:33,240 --> 00:24:34,680

All right.

405

00:24:34,680 --> 00:24:38,040

Adam passing water past mustard.

406

00:24:38,040 --> 00:24:41,200

And they put the data to use with their anatomically correct

407

00:24:41,200 --> 00:24:42,240

dummy.

408

00:24:42,240 --> 00:24:44,120

We've gotten a few complaints over the years

409

00:24:44,120 --> 00:24:46,840

from the fact that we built what we called an anatomically

410

00:24:46,840 --> 00:24:49,880

correct buster and then hid that part behind a fig leaf.

411

00:24:49,920 --> 00:24:52,120

But the fact is, it was a tube.

412

00:24:52,120 --> 00:24:55,000

It was a tube that looked a little suggestive for our show,

413

00:24:55,000 --> 00:24:57,360

which is really, you have to admit, a family show,

414

00:24:57,360 --> 00:24:59,200

and thus, the fig leaf.

415

00:24:59,200 --> 00:25:02,040

Well, fig leaf or not, the myth was busted.

416

00:25:02,040 --> 00:25:03,360

Nothing.

417

00:25:03,360 --> 00:25:04,600

Not a thing.

418

00:25:04,600 --> 00:25:07,080

Until the viewers challenged the result.

419

00:25:07,080 --> 00:25:10,880

A lot of people are sending us emails saying that, well,

420

00:25:10,880 --> 00:25:14,680

I peed on an electric fence on the farm, and I got a shock.

421

00:25:14,680 --> 00:25:17,080

And of course, that shocking statistic

422

00:25:17,080 --> 00:25:19,480

had to be put to the test.

423

00:25:20,240 --> 00:25:21,240

Oh.

424

00:25:21,240 --> 00:25:23,720

It didn't work.

425

00:25:23,720 --> 00:25:29,160

So Adam was volunteered to literally put his body on the line.

426

00:25:29,160 --> 00:25:30,520

I'm not looking forward to it, but I'm

427

00:25:30,520 --> 00:25:32,200

ready to try the experiment.

428

00:25:32,200 --> 00:25:33,040

Are you?

429

00:25:33,040 --> 00:25:34,480

I'm not doing it.

430

00:25:34,480 --> 00:25:35,800

Can I point out that I've already

431

00:25:35,800 --> 00:25:39,120

been painted with gold paint and had an anal probe today?

432

00:25:39,120 --> 00:25:42,040

You're doing a wonderful job.

433

00:25:42,040 --> 00:25:45,240

Adam was a good sport anyway, and he took one for the team.

434

00:25:45,240 --> 00:25:46,800

OK, we're going to try and aim here.

435

00:25:46,800 --> 00:25:48,920

I tried to watch Adam pee on the electric fence,

436

00:25:48,920 --> 00:25:51,040

but when I started to look down there,

437

00:25:51,040 --> 00:25:53,200

I realized I'd have to look at his junk,

438

00:25:53,200 --> 00:25:55,080

and so I decided not to.

439

00:25:55,080 --> 00:25:58,360

Well, there's no doubt our shock jock took charge.

440

00:25:58,360 --> 00:25:59,760

Wait, I got to work one up.

441

00:25:59,760 --> 00:26:00,260

Hold on.

442

00:26:00,260 --> 00:26:01,920

Is there a problem there?

443

00:26:01,920 --> 00:26:05,840

I'm just grateful that the shock was that small.

444

00:26:05,840 --> 00:26:07,600

Oh, there we go.

445

00:26:07,600 --> 00:26:09,840

I got to see a hot one.

446

00:26:09,840 --> 00:26:10,760

It was nothing.

447

00:26:10,760 --> 00:26:12,920

I have been shocked by the full force

448

00:26:12,920 --> 00:26:16,600

of that electric fence in the Baghdad Battery episode.

449

00:26:19,200 --> 00:26:22,680

And I'm really glad I didn't take that in my privates.

450

00:26:22,680 --> 00:26:25,520

And at number four, it's the ultimate automotive

451

00:26:25,520 --> 00:26:26,440

transformation.

452

00:26:30,440 --> 00:26:33,400

We've done a lot of weird things to cars.

453

00:26:33,400 --> 00:26:35,240

Oh, and it's away.

454

00:26:35,240 --> 00:26:36,800

Nice try.

455

00:26:36,800 --> 00:26:37,920

We put rockets on them.

456

00:26:37,920 --> 00:26:40,920

Fire.

457

00:26:40,920 --> 00:26:43,600

Covered them in clay.

458

00:26:43,600 --> 00:26:47,240

We've installed diesel-powered speakers in them.

459

00:26:47,240 --> 00:26:48,880

And yet, I think we're doing it.

460

00:26:48,880 --> 00:26:49,840

We're just getting started.

461

00:26:52,760 --> 00:26:55,320

I'd say without a doubt, cutting a car body off

462

00:26:55,320 --> 00:26:58,360

and reattaching it backwards was the wildest thing

463

00:26:58,360 --> 00:26:59,360

we've ever done.

464

00:26:59,360 --> 00:27:02,960

And that's what we did in reverse engineering.

465

00:27:02,960 --> 00:27:04,640

This is a myth I heard in the 80s

466

00:27:04,640 --> 00:27:07,800

that there is a certain model of sports car we shall remain

467

00:27:07,800 --> 00:27:09,560

unnamed that was so poorly designed,

468

00:27:09,560 --> 00:27:12,680

it was more aerodynamic going backwards than forwards.

469

00:27:12,680 --> 00:27:17,040

So to test that, look at that.

470

00:27:17,040 --> 00:27:20,280

The guys reversed the engineering of a car.

471

00:27:20,280 --> 00:27:22,400

Nice.

472

00:27:22,400 --> 00:27:24,480

I'm confused.

473

00:27:24,480 --> 00:27:26,120

Exactly, it was good.

474

00:27:26,120 --> 00:27:31,280

The result was a car with its lid literally flipped.

475

00:27:31,280 --> 00:27:33,080

Well, I know for all intents and purposes,

476

00:27:33,080 --> 00:27:36,240

it looks like I'm sitting on the hood, but check this out.

477

00:27:36,240 --> 00:27:38,360

That's the exhaust.

478

00:27:38,360 --> 00:27:42,280

It was an unmistakably MythBusters mod.

479

00:27:42,280 --> 00:27:42,960

What can I say?

480

00:27:42,960 --> 00:27:43,560

It's nuts.

481

00:27:43,560 --> 00:27:46,200

It's the kind of thing you'll only see on MythBusters.

482

00:27:46,200 --> 00:27:49,440

But for our backseat driver, the most important test

483

00:27:49,440 --> 00:27:51,800

was if the reverse engineered car could

484

00:27:51,800 --> 00:27:54,200

vanquish its right-sided counterpart.

485

00:27:54,200 --> 00:27:57,240

A lot of people say, oh, you can't race one car against another

486

00:27:57,240 --> 00:27:59,680

like that because the engines could be tuned differently.

487

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

That's exactly why we went to the drift.

488

00:28:02,680 --> 00:28:05,280

Reverse engineering, drift off.

489

00:28:05,280 --> 00:28:07,680

Gentlemen, start your engines.

490

00:28:07,680 --> 00:28:10,200

Three, two, one, go.

491

00:28:12,920 --> 00:28:14,120

Think of it.

492

00:28:14,120 --> 00:28:17,720

When we get those two cars neck and neck up to 100 miles an hour

493

00:28:17,720 --> 00:28:22,560

and then cut into neutral, those cars drift.

494

00:28:22,560 --> 00:28:24,640

And drift.

495

00:28:24,640 --> 00:28:26,200

As they head towards the finish line,

496

00:28:26,200 --> 00:28:30,080

the only difference between them is their aerodynamics,

497

00:28:30,080 --> 00:28:33,400

not the engine tuning, not the exhaust tuning, not anything.

498

00:28:33,400 --> 00:28:36,240

So we were eliminating all of that as a possibility

499

00:28:36,240 --> 00:28:39,120

in terms of the aerodynamic efficiency of both cars.

500

00:28:39,120 --> 00:28:41,400

Thus, the first one off the finish line

501

00:28:41,400 --> 00:28:43,480

is the more aerodynamically efficient.

502

00:28:43,480 --> 00:28:45,320

I love how simple that is.

503

00:28:45,320 --> 00:28:46,080

Simple.

504

00:28:46,080 --> 00:28:49,680

And since the reverse engineering didn't engineer a win,

505

00:28:49,680 --> 00:28:50,160

busted.

506

00:28:54,080 --> 00:28:57,680

Next, the plane's trains and automobile special

507

00:28:57,680 --> 00:28:58,880

goes supersonic.

508

00:28:58,880 --> 00:28:59,380

Oh, no.

509

00:29:04,800 --> 00:29:07,840

Coming in fast and furious at number three

510

00:29:07,840 --> 00:29:09,480

is one for the speed freaks.

511

00:29:13,480 --> 00:29:15,960

Oh, no.

512

00:29:15,960 --> 00:29:20,040

The Memphis prison speed go together like this.

513

00:29:20,040 --> 00:29:21,520

Best friends forever.

514

00:29:21,520 --> 00:29:22,360

We love speed.

515

00:29:22,360 --> 00:29:23,400

We love going fast.

516

00:29:23,400 --> 00:29:28,240

We love things that go fast and even Jamie.

517

00:29:28,240 --> 00:29:31,440

Get some big fat smile on that mustachioed face

518

00:29:31,440 --> 00:29:33,800

when he goes really, really fast.

519

00:29:33,800 --> 00:29:37,640

That need for speed has seen the team put the pedal to the metal.

520

00:29:38,280 --> 00:29:40,280

Ah!

521

00:29:40,280 --> 00:29:43,760

And put rockets on cars for explosive acceleration.

522

00:29:47,760 --> 00:29:50,320

Or not.

523

00:29:50,320 --> 00:29:56,040

But those can't compare to traveling at the speed of sound.

524

00:29:56,040 --> 00:29:59,000

It is absolutely easy to determine the fastest we've ever

525

00:29:59,000 --> 00:29:59,680

gone on the show.

526

00:29:59,680 --> 00:30:01,400

It is when I flew with the Blue Angels

527

00:30:01,400 --> 00:30:03,600

to test the sonic boom.

528

00:30:03,600 --> 00:30:04,520

Strap in.

529

00:30:04,520 --> 00:30:06,480

It's time to go supersonic.

530

00:30:08,120 --> 00:30:09,920

The question here was whether or not

531

00:30:09,920 --> 00:30:12,640

every time you have an aircraft creating a sonic boom

532

00:30:12,640 --> 00:30:14,680

when it flies over a house, it's going

533

00:30:14,680 --> 00:30:16,920

to break glass in that house.

534

00:30:16,920 --> 00:30:17,760

You ready to go flying?

535

00:30:17,760 --> 00:30:19,920

I am.

536

00:30:19,920 --> 00:30:22,520

We discussed it in-house, who would fly.

537

00:30:22,520 --> 00:30:24,360

And we realized that it had to be me,

538

00:30:24,360 --> 00:30:25,800

because I was going to get sick.

539

00:30:25,800 --> 00:30:30,000

And that was going to be funny, as opposed to Jamie's stoic face

540

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

under 7Gs, which would just look a little heavier.

541

00:30:33,600 --> 00:30:37,240

And from the very first surprise rapid ascent.

542

00:30:37,240 --> 00:30:38,040

Ready to go flying?

543

00:30:38,040 --> 00:30:38,520

I am.

544

00:30:38,520 --> 00:30:39,280

Ready, hit it.

545

00:30:42,520 --> 00:30:46,640

The G-Forces had Adam's stomach churning.

546

00:30:46,640 --> 00:30:49,240

I'd like to add a couple of notes about the vomiting

547

00:30:49,240 --> 00:30:51,360

and the passing out.

548

00:30:51,360 --> 00:30:55,480

One is I didn't actually vomit until the third time we pulled

549

00:30:55,480 --> 00:30:58,040

7Gs in some kind of barrel roll.

550

00:30:58,040 --> 00:31:01,680

I managed to make it two full times without getting sick.

551

00:31:01,680 --> 00:31:03,280

I'm starting to feel a little nauseous.

552

00:31:03,280 --> 00:31:04,680

I think I may throw up.

553

00:31:04,680 --> 00:31:05,560

All right, you got the bag.

554

00:31:05,560 --> 00:31:06,560

I'm going to take that.

555

00:31:06,560 --> 00:31:11,160

The other one about the passing out, which really surprised

556

00:31:11,160 --> 00:31:14,760

me, was that the pilot knew that I was about to pass out

557

00:31:14,760 --> 00:31:16,400

before even I knew.

558

00:31:16,400 --> 00:31:17,960

Pulling on up to 5Gs.

559

00:31:17,960 --> 00:31:18,720

We got 5Gs.

560

00:31:18,720 --> 00:31:19,320

Five and a half.

561

00:31:19,320 --> 00:31:21,720

And he's looking at me through this tiny little mirror.

562

00:31:21,720 --> 00:31:26,280

But he could see this telltale sign of my eyes going cloudy.

563

00:31:26,280 --> 00:31:28,080

And then my head is like, stay with me, Adam.

564

00:31:28,080 --> 00:31:29,200

Well, stick with me, Adam.

565

00:31:29,200 --> 00:31:29,840

You got it.

566

00:31:29,840 --> 00:31:30,480

You got it.

567

00:31:30,480 --> 00:31:35,520

And I was like, and I brought myself back out of the tunnel.

568

00:31:35,800 --> 00:31:37,400

And then I went all the way in the tunnel.

569

00:31:37,400 --> 00:31:38,400

I totally passed out.

570

00:31:38,400 --> 00:31:39,000

Come on.

571

00:31:39,000 --> 00:31:39,720

Stay with us.

572

00:31:39,720 --> 00:31:41,400

Stay with us.

573

00:31:41,400 --> 00:31:41,920

We got it.

574

00:31:41,920 --> 00:31:42,480

Come back.

575

00:31:45,800 --> 00:31:46,320

You with me?

576

00:31:46,320 --> 00:31:46,840

I'm with you.

577

00:31:46,840 --> 00:31:49,040

I almost probably passed out there in a second.

578

00:31:49,040 --> 00:31:52,240

But Adam's aerobatics were just the beginning.

579

00:31:52,240 --> 00:31:55,720

Mythbusters, Blue Angels, test site.

580

00:31:55,720 --> 00:32:00,600

The real question was, would the Sonic Boom shatter glass?

581

00:32:00,600 --> 00:32:02,800

I don't know how to do it.

582

00:32:02,800 --> 00:32:10,600

We are headed straight for the 2000 speed at top 1.07.

583

00:32:10,600 --> 00:32:12,120

Wow.

584

00:32:12,120 --> 00:32:13,360

That was something.

585

00:32:13,360 --> 00:32:15,280

How loud was it on the ground?

586

00:32:15,280 --> 00:32:18,560

Well, we were wearing earplugs and earmugs,

587

00:32:18,560 --> 00:32:19,840

if that tells you anything.

588

00:32:19,840 --> 00:32:22,280

The sound may have been ear splitting.

589

00:32:22,280 --> 00:32:24,920

But despite flying as low as 200 feet.

590

00:32:24,920 --> 00:32:25,920

Oh, no.

591

00:32:30,040 --> 00:32:32,440

It wasn't the boom that broke the glass.

592

00:32:32,440 --> 00:32:34,800

But the distortion of the frame.

593

00:32:34,800 --> 00:32:36,680

Well, there's your problem.

594

00:32:36,680 --> 00:32:40,000

But for Adam, it was all worth it.

595

00:32:40,000 --> 00:32:41,600

You know, when you're a kid, you always

596

00:32:41,600 --> 00:32:44,680

want to end up being some kind of secret agent or superhero.

597

00:32:44,680 --> 00:32:46,960

And Mythbusters has really allowed

598

00:32:46,960 --> 00:32:50,040

me to explore so many aspects of that.

599

00:32:53,360 --> 00:32:57,600

I have literally been faster than a speeding bullet.

600

00:32:57,600 --> 00:33:00,040

I have not yet leaped a building in a single bound,

601

00:33:00,040 --> 00:33:01,960

but that's on our list.

602

00:33:02,000 --> 00:33:06,120

Coming in at number two is a story so big, we did it twice.

603

00:33:11,120 --> 00:33:13,760

The myth was that a taxi drove behind a jet airliner

604

00:33:13,760 --> 00:33:14,960

as it was taking off.

605

00:33:14,960 --> 00:33:17,640

And the blast from the jet picked up the taxi

606

00:33:17,640 --> 00:33:20,320

and just threw it.

607

00:33:20,320 --> 00:33:23,400

The first time the Mythbusters tried to test this myth,

608

00:33:23,400 --> 00:33:26,240

the insurance company took the wind out of their sails.

609

00:33:26,240 --> 00:33:30,680

Jet taxi was our first intimate experience with insurance.

610

00:33:30,720 --> 00:33:32,840

And the thing that I couldn't wrap my head around

611

00:33:32,840 --> 00:33:37,000

was how we were going to damage a jet airplane

612

00:33:37,000 --> 00:33:39,200

by putting something behind it.

613

00:33:39,200 --> 00:33:42,280

We don't know what the jet will do to the taxi.

614

00:33:42,280 --> 00:33:45,040

That there's no way in hell that taxi is going to do anything

615

00:33:45,040 --> 00:33:47,320

but go farther away from the jet.

616

00:33:47,320 --> 00:33:49,600

I didn't get it.

617

00:33:49,600 --> 00:33:54,080

Oh, that would have flipped our taxi.

618

00:33:54,080 --> 00:33:56,240

But two years later, the guys got

619

00:33:56,240 --> 00:33:59,560

wind of another chance at a jet.

620

00:33:59,560 --> 00:34:02,280

When an opportunity came up again to do it,

621

00:34:02,280 --> 00:34:05,480

there's no way we're turning it down.

622

00:34:05,480 --> 00:34:09,280

Yep, in Michigan, Khalida Air and their 747

623

00:34:09,280 --> 00:34:12,840

were more than happy to let the Mythbusters blow off some steam.

624

00:34:12,840 --> 00:34:13,800

I love you, man.

625

00:34:13,800 --> 00:34:14,800

I love you.

626

00:34:14,800 --> 00:34:17,960

The taxi was lied down and the engines roared into action.

627

00:34:20,400 --> 00:34:23,480

And all of a sudden, part of the runway peels up.

628

00:34:23,640 --> 00:34:27,120

We lift it off the ground.

629

00:34:27,120 --> 00:34:31,400

This whole bed of pavement just flies away,

630

00:34:31,400 --> 00:34:33,320

kind of like a roof in a hurricane.

631

00:34:33,320 --> 00:34:34,000

And that was it.

632

00:34:34,000 --> 00:34:34,960

I was like, that's it.

633

00:34:34,960 --> 00:34:35,920

They're going to shut us down.

634

00:34:35,920 --> 00:34:37,960

They're not going to let us continue testing.

635

00:34:37,960 --> 00:34:41,480

The owner came out, looked at it, laughed, and we kept going.

636

00:34:41,480 --> 00:34:45,280

By this stage, it was clear, come hail or high water,

637

00:34:45,280 --> 00:34:48,120

the cab was going into the jet stream.

638

00:34:48,120 --> 00:34:50,000

Coming up to power.

639

00:34:50,040 --> 00:34:52,480

I had no idea what we were about to see.

640

00:35:00,080 --> 00:35:04,200

That taxi tumbled down the lawn, just head over,

641

00:35:04,200 --> 00:35:06,640

heels over and over.

642

00:35:06,640 --> 00:35:08,760

I mean, it was so much force.

643

00:35:13,840 --> 00:35:16,840

Getting the cab to flip was good enough.

644

00:35:16,840 --> 00:35:18,400

I mean, this is the one chance that we

645

00:35:18,400 --> 00:35:21,160

get to play with an actual 747.

646

00:35:21,160 --> 00:35:23,360

I mean, do you really think we're going to stop there?

647

00:35:23,360 --> 00:35:24,680

You're going to be a bus driver now.

648

00:35:27,320 --> 00:35:30,160

This is a full-size school bus.

649

00:35:30,160 --> 00:35:33,960

And the jet wash just picked up the bus like it was nothing.

650

00:35:37,520 --> 00:35:40,720

Flipped it over and slammed it down right on its roof

651

00:35:40,720 --> 00:35:43,120

and crushed the whole thing.

652

00:35:43,120 --> 00:35:45,680

It was amazing.

653

00:35:45,680 --> 00:35:51,720

Yep, it certainly was the school of hard knocks for our bus.

654

00:35:51,720 --> 00:35:54,920

Making the jet taxi myth literally a blast.

655

00:35:58,040 --> 00:35:59,480

You know, with footage like this,

656

00:35:59,480 --> 00:36:03,160

it's easy to see why this is the biggest and most bad ass

657

00:36:03,160 --> 00:36:04,200

moment.

658

00:36:04,200 --> 00:36:05,680

Well, not quite, Grant.

659

00:36:05,680 --> 00:36:07,320

There's one more to come.

660

00:36:11,600 --> 00:36:14,800

Next up, the ultimate planes, trains,

661

00:36:14,840 --> 00:36:16,000

and automobile moment.

662

00:36:16,000 --> 00:36:18,120

I highly recommend it.

663

00:36:18,120 --> 00:36:18,920

Forget therapy.

664

00:36:27,760 --> 00:36:33,400

And now the number one moment, the fantastic finale

665

00:36:33,400 --> 00:36:37,640

of planes, trains, and automobiles.

666

00:36:37,640 --> 00:36:41,080

And it's all about our destructive relationship

667

00:36:41,080 --> 00:36:42,560

with cars.

668

00:36:42,560 --> 00:36:44,880

We've set them on fire.

669

00:36:44,880 --> 00:36:47,720

We've shot them up.

670

00:36:47,720 --> 00:36:48,600

We've crashed them.

671

00:36:51,880 --> 00:36:54,680

We've dropped them from helicopters.

672

00:36:54,680 --> 00:36:55,560

We've blown them up.

673

00:36:55,560 --> 00:36:57,560

Bye-bye.

674

00:36:57,560 --> 00:36:59,840

In fact, as we've destroyed so many,

675

00:36:59,840 --> 00:37:02,640

the choosing one as a perfect representation

676

00:37:02,640 --> 00:37:05,480

of the ultimate car explosion is impossible.

677

00:37:05,480 --> 00:37:07,480

It's like trying to decide which is better,

678

00:37:07,480 --> 00:37:09,880

Star Trek or Star Wars.

679

00:37:09,880 --> 00:37:11,560

Star Wars, by the way.

680

00:37:11,560 --> 00:37:14,880

At any rate, we've each decided to pick our own favorite.

681

00:37:17,440 --> 00:37:20,280

With so much car carnage over the years,

682

00:37:20,280 --> 00:37:23,120

our hosts just can't agree on the best.

683

00:37:23,120 --> 00:37:26,760

And that means that we've got five times the awesome

684

00:37:26,760 --> 00:37:28,960

automotive man.

685

00:37:28,960 --> 00:37:31,640

So my favorite car destruction sequences

686

00:37:31,640 --> 00:37:35,560

was when we split the car with a snow plow in Wisconsin.

687

00:37:35,560 --> 00:37:39,400

Now that is the plow we're looking for.

688

00:37:39,400 --> 00:37:43,840

So picture this wonderful snowy landscape, car at one end,

689

00:37:43,840 --> 00:37:46,680

giant razor sharp snow plow blade.

690

00:37:46,680 --> 00:37:49,720

At the end of this giant snow plow, at the other end.

691

00:37:49,720 --> 00:37:53,400

In three, two, one, go.

692

00:37:53,400 --> 00:37:55,760

Tow the car really fast.

693

00:37:55,760 --> 00:37:57,120

Go straight down the track.

694

00:38:00,960 --> 00:38:03,760

And the thing splits like a banana peel.

695

00:38:03,760 --> 00:38:04,260

Oh.

696

00:38:09,200 --> 00:38:10,280

Good car.

697

00:38:10,280 --> 00:38:13,680

Almost split in two.

698

00:38:13,680 --> 00:38:15,560

That's once in a lifetime.

699

00:38:15,560 --> 00:38:18,520

Once in a lifetime, like driving a car stuck together

700

00:38:18,520 --> 00:38:22,080

with duct tape after Kari has had her evil way with it.

701

00:38:22,080 --> 00:38:23,320

All right.

702

00:38:23,320 --> 00:38:25,960

Time to wreck this car.

703

00:38:25,960 --> 00:38:29,240

Personally, my favorite way to destroy a car?

704

00:38:29,240 --> 00:38:31,440

By hand.

705

00:38:31,440 --> 00:38:38,680

I love destroying cars, breaking glass, crunching metal.

706

00:38:38,680 --> 00:38:40,920

It's awesome.

707

00:38:40,920 --> 00:38:43,360

Taking a car apart, completely destroying it,

708

00:38:43,360 --> 00:38:46,480

is this really amazing cathartic experience.

709

00:38:46,480 --> 00:38:51,120

The shattering of glass, the smoking of the torch,

710

00:38:51,120 --> 00:38:54,080

the just metal falling apart before you.

711

00:38:54,080 --> 00:38:57,720

Every bit of angst you've ever had gets released.

712

00:38:58,720 --> 00:38:59,720

Woo!

713

00:38:59,720 --> 00:39:01,720

I love it.

714

00:39:01,720 --> 00:39:04,720

I highly recommend it.

715

00:39:04,720 --> 00:39:05,720

Forget therapy.

716

00:39:05,720 --> 00:39:10,720

Yep, for the Mythbusters, the best therapy is destruction.

717

00:39:10,720 --> 00:39:12,720

Something Jamie knows a lot about.

718

00:39:15,720 --> 00:39:18,720

I have to say, I think Dukes of Hazard was my favorite,

719

00:39:18,720 --> 00:39:21,720

because that involved running a car at a ramp at high speed,

720

00:39:21,720 --> 00:39:26,720

and it had to go through the air something like 175 feet

721

00:39:26,720 --> 00:39:29,720

without going splat.

722

00:39:29,720 --> 00:39:32,720

And for that, all they did was build a ramp.

723

00:39:32,720 --> 00:39:35,720

Nothing like a good hump, that's what I always say.

724

00:39:35,720 --> 00:39:39,720

And then remote control a car over it at 70 miles per hour.

725

00:39:39,720 --> 00:39:41,720

Simple, right?

726

00:39:41,720 --> 00:39:44,720

The thing was that it all had to come together perfectly for it to work,

727

00:39:44,720 --> 00:39:46,720

and that was a pretty tall order.

728

00:39:46,720 --> 00:39:48,720

You can totally do it.

729

00:39:48,720 --> 00:39:51,720

A tall order, which Jamie more than matched.

730

00:39:56,720 --> 00:40:06,720

Oh my lord.

731

00:40:06,720 --> 00:40:09,720

The car flew 173 feet through the air,

732

00:40:09,720 --> 00:40:12,720

but the landing was a little rough.

733

00:40:15,720 --> 00:40:18,720

The car is busted, the myth is busted.

734

00:40:18,720 --> 00:40:20,720

It's very hard on a car if you do that.

735

00:40:20,720 --> 00:40:22,720

Hard on the car for sure,

736

00:40:22,720 --> 00:40:24,720

but when it comes to automotive torture,

737

00:40:24,720 --> 00:40:29,720

Tori's choice has it all.

738

00:40:29,720 --> 00:40:31,720

The Green Hornet episode,

739

00:40:31,720 --> 00:40:34,720

we probably did more damage to cars

740

00:40:34,720 --> 00:40:37,720

than we've ever done in the history of Mythbusters.

741

00:40:37,720 --> 00:40:40,720

I mean, we took this beautiful classic car.

742

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

Now that's a pretty car.

743

00:40:42,720 --> 00:40:44,720

Shot it up with machine guns.

744

00:40:46,720 --> 00:40:48,720

That didn't suck.

745

00:40:48,720 --> 00:40:51,720

Then stuck it in a steel elevator to see if we could crush it in half.

746

00:40:54,720 --> 00:40:56,720

Stop.

747

00:40:56,720 --> 00:40:58,720

Yeah!

748

00:40:58,720 --> 00:41:01,720

That didn't work, so then we just chopped a car in half

749

00:41:05,720 --> 00:41:07,720

and drove that around.

750

00:41:12,720 --> 00:41:14,720

It was brutal.

751

00:41:14,720 --> 00:41:18,720

Brutal indeed, they did everything by blowing it up.

752

00:41:18,720 --> 00:41:22,720

But that's okay, because Adam's favorite has that covered.

753

00:41:23,720 --> 00:41:26,720

Mine is the viewer's special explosion.

754

00:41:26,720 --> 00:41:30,720

This kid had written to us saying he wanted us to blow up his parents' car

755

00:41:30,720 --> 00:41:32,720

and we agreed to do it.

756

00:41:32,720 --> 00:41:34,720

And in typical Mythbusters style,

757

00:41:34,720 --> 00:41:38,720

they granted this wish not once, but twice.

758

00:41:38,720 --> 00:41:41,720

First time, it's going to be a movie style explosion.

759

00:41:41,720 --> 00:41:44,720

Like from the 70s TV shows that you grew up with.

760

00:41:44,720 --> 00:41:46,720

For that movie style explosion,

761

00:41:46,720 --> 00:41:49,720

the guys created some movie style action.

762

00:41:49,720 --> 00:41:51,720

Jamie and I stood a safe distance away,

763

00:41:51,720 --> 00:41:53,720

I think it was about 100 feet.

764

00:41:53,720 --> 00:41:56,720

I had a mat in front of me and Jamie had an explosives plunger.

765

00:41:56,720 --> 00:41:58,720

I'm in a hole!

766

00:41:58,720 --> 00:42:01,720

Three, two, one!

767

00:42:01,720 --> 00:42:04,720

Jamie's action was to push the plunger

768

00:42:04,720 --> 00:42:10,720

and mine was to be running and to be hopefully in midair at the exact second he pushed that plunger.

769

00:42:14,720 --> 00:42:16,720

So that when the actual explosion went off,

770

00:42:16,720 --> 00:42:19,720

there I was in midair on that high speed shot.

771

00:42:22,720 --> 00:42:25,720

Man, it is my favorite high speed shot.

772

00:42:25,720 --> 00:42:30,720

It is me reliving my 7 year old desire to be an action movie hero.

773

00:42:35,720 --> 00:42:37,720

And we got the shot.

774

00:42:37,720 --> 00:42:40,720

But the Hollywood stunt action took a dive

775

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

when it came to the real world explosion.

776

00:42:42,720 --> 00:42:44,720

Fire in the hole!

777

00:42:44,720 --> 00:42:49,720

Three, two, one!

778

00:42:52,720 --> 00:42:57,720

Because one thing is for sure,

779

00:42:57,720 --> 00:42:59,720

with the mythbusters around,

780

00:42:59,720 --> 00:43:01,720

it doesn't matter how,

781

00:43:05,720 --> 00:43:08,720

it's gonna be karma-geddon.

782

00:43:10,720 --> 00:43:12,720

No more car!