

1

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

Please, don't try anything that you're about to see at home. We have experts to

2

00:00:05,000 --> 00:00:10,400

keep us safe. We shouldn't have to say it, but just don't do it.

3

00:00:17,840 --> 00:00:29,920

There was a legend of a man who strapped a rocket to his car and flew.

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

In 2003, the Mythbusters brought the legend to life, but it failed to fly.

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00:00:39,000 --> 00:00:47,000

In 2007, they returned more armed and more dangerous.

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

It's how they touched the ramp.

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

But crashed and burned.

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

Now they're back with a vengeance.

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00:00:59,000 --> 00:01:08,000

So prepare for traction, heart-stopping action, high-gatting control, and ultimate satisfaction.

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00:01:08,000 --> 00:01:14,000

Because they're taking this man to the extreme and beyond.

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

Who are the Mythbusters?

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00:01:19,000 --> 00:01:21,000

Adam Savage.

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00:01:21,000 --> 00:01:22,000

That is science.

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

And Jamie Honoman.

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00:01:23,000 --> 00:01:24,000

I'm ready.

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00:01:25,000 --> 00:01:32,000

Between them were the 30 years of special effects experience, together with Brad Himahara.

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00:01:32,000 --> 00:01:34,000

Oh, it's burning.

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00:01:34,000 --> 00:01:35,000

Carrie Byron.

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00:01:35,000 --> 00:01:36,000

Always makes me feel dangerous.

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00:01:36,000 --> 00:01:38,000

And Tori Belichi.

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00:01:38,000 --> 00:01:40,000

There's something you don't see every day.

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00:01:40,000 --> 00:01:45,000

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

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00:01:45,000 --> 00:01:56,000

Hey there, after 10 years and 200 episodes, we are finally go for launch.

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00:01:56,000 --> 00:01:58,000

With the myth that launched the legend.

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00:01:58,000 --> 00:01:59,000

Exactly.

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00:01:59,000 --> 00:02:07,000

To celebrate Mythbusters' 10th anniversary of being on the air, we are finally going to tackle, once and for all, the one that got away.

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00:02:07,000 --> 00:02:09,000

Rockets and cars.

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00:02:09,000 --> 00:02:13,000

Yeah, so strap yourselves in ladies and gentlemen.

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00:02:13,000 --> 00:02:14,000

Can I get an echo here?

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00:02:14,000 --> 00:02:21,000

Ladies and gentlemen, it is time for Jato Mission Accomplished.

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

It's on.

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

Oh, it's on, because this is Jato 3.

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00:02:26,000 --> 00:02:30,000

And we are all systems go for takeoff.

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00:02:39,000 --> 00:02:42,000

It's the urban legend that began the busting.

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00:02:42,000 --> 00:02:51,000

Supposedly, an airman strapped a jet assisted takeoff unit to his impotent and rocketed across the desert at 350 miles per hour.

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00:02:51,000 --> 00:03:00,000

But when he hit a bump, his car took to the air and soared for over a mile until a cliff brought his journey to an abrupt end.

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

But did this jet assisted joy ride really take wing?

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00:03:04,000 --> 00:03:09,000

The Mythbusters are joining forces to close the case once and for all.

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

Alright, Jato 3, Mission Accomplished, what is the plan?

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00:03:13,000 --> 00:03:14,000

Okay, here it is.

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00:03:14,000 --> 00:03:16,000

We do two launches.

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

The first one is the original myth as stated.

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00:03:19,000 --> 00:03:26,000

We get a Chevy Impala, strap a reliable set of rockets to it, light them up and aim them towards a bump in the road.

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00:03:26,000 --> 00:03:27,000

And see whether it takes off or not.

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00:03:27,000 --> 00:03:28,000

Exactly.

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00:03:28,000 --> 00:03:31,000

And if we don't get that, we up the rocket power and add a ramp.

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

Well, you know, first off, we need a couple of these things.

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

A couple of Chevy Impalas with remote control, Grant.

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00:03:37,000 --> 00:03:38,000

Sounds good to me.

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00:03:38,000 --> 00:03:44,000

We are also going to need a safe place from which to steer them like a mobile command bunker.

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00:03:44,000 --> 00:03:45,000

Like a Mythbusters tank.

52

00:03:45,000 --> 00:03:46,000

Exactly.

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00:03:46,000 --> 00:03:48,000

This is going to be insane.

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00:03:48,000 --> 00:03:49,000

Yes, it is.

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00:03:52,000 --> 00:03:59,000

And for destination insanity, the first element of this rocket rodeo is to chase up a Chevy.

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

In the testing of this story, we have already utterly destroyed two Chevy Impalas.

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00:04:05,000 --> 00:04:12,000

In this very episode, we're destroying two more and this one, this one is the most beautiful of the lot.

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00:04:12,000 --> 00:04:15,000

Hands down, this car, somebody loved this car.

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00:04:15,000 --> 00:04:23,000

From the paint job to the red wheels to the cherry white and red leather interior and the custom wooden console, this thing is magnificent.

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00:04:23,000 --> 00:04:26,000

With all sorts of attachments like this, check it out.

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00:04:26,000 --> 00:04:28,000

Yeah.

62

00:04:28,000 --> 00:04:31,000

It almost makes you sad to destroy it.

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00:04:31,000 --> 00:04:33,000

Almost.

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00:04:34,000 --> 00:04:35,000

Almost.

65

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

But the rockets have to go somewhere.

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

And back at the shop, it's time to un-pimp this ride.

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00:04:45,000 --> 00:04:48,000

Yep, the car is stripped bare.

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00:04:49,000 --> 00:04:52,000

And then Adam brings out his favorite friend.

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00:04:55,000 --> 00:04:56,000

Yeah!

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00:04:57,000 --> 00:05:02,000

To clear some junk from the trunk, to make room for the rear thrusters.

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

Wow!

72

00:05:08,000 --> 00:05:09,000

What the hell?

73

00:05:10,000 --> 00:05:11,000

There we go.

74

00:05:12,000 --> 00:05:14,000

That was awesomely difficult.

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00:05:15,000 --> 00:05:19,000

Difficult, but for the most important element, it's over to Jamie.

76

00:05:20,000 --> 00:05:24,000

We're going to mount five 2,000 pound thrust rockets on the back of this car.

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00:05:24,000 --> 00:05:28,000

Which means I'm going to have to build a really reinforced mounting system.

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00:05:28,000 --> 00:05:29,000

Why?

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00:05:29,000 --> 00:05:35,000

Well, one of our biggest concerns is that a rocket might become detached from the car after ignition.

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00:05:35,000 --> 00:05:37,000

And that effectively means it would become a missile.

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00:05:37,000 --> 00:05:39,000

And we don't want that.

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00:05:39,000 --> 00:05:41,000

It's a rocket, man!

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

So to keep everybody safe, we're triangulating this rocket pocket to as many points on the chassis as we can.

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00:05:48,000 --> 00:05:51,000

Hopefully that will keep everything where it's supposed to be.

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00:05:52,000 --> 00:05:56,000

That's one rocket car mod complete, and emotions are running high.

86

00:05:56,000 --> 00:06:00,000

Gotta say, seeing the car in the shop like that, it's a little emotional.

87

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

Really?

88

00:06:01,000 --> 00:06:07,000

Well, ten years ago when we set an Impala up like this for the exact same stunt, we didn't know what was ahead of us.

89

00:06:07,000 --> 00:06:10,000

I mean, I mean, I'm getting a little choked up.

90

00:06:10,000 --> 00:06:11,000

You done?

91

00:06:11,000 --> 00:06:12,000

Yeah.

92

00:06:12,000 --> 00:06:16,000

Good, because we've got to get this puppy over to Grant so he can see it.

93

00:06:16,000 --> 00:06:17,000

Alright.

94

00:06:18,000 --> 00:06:22,000

So the Impala rolls out of one shop and into the next.

95

00:06:22,000 --> 00:06:25,000

That is what you call a classic.

96

00:06:26,000 --> 00:06:30,000

Where Doctor RC is waiting to give the patient its treatment.

97

00:06:30,000 --> 00:06:36,000

Our classic heart is now ready for the radio control treatment, and that is going to include steering,

98

00:06:39,000 --> 00:06:45,000

throttle, brake, emergency keel and something special to switch into neutral just after the rocket's fired.

99

00:06:45,000 --> 00:06:52,000

That's what it's got to do. And not only is that a huge task, it also comes with some huge stakes.

100

00:06:52,000 --> 00:06:58,000

Believe me, this project, there's a lot of pressure here. It's got to track perfectly straight.

101

00:06:58,000 --> 00:07:03,000

It's got to be rock solid. It's got to stop on a dime if anything goes wrong.

102

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

But if everything goes right, it's got to keep going no matter what.

103

00:07:07,000 --> 00:07:10,000

It's going to be a big job, but I think I'm up to the task.

104

00:07:10,000 --> 00:07:14,000

So, phase two, the Mobile Command Bunker can begin.

105

00:07:14,000 --> 00:07:21,000

Ladies and gentlemen, what I have here is a follow-up vehicle that Jamie and Adam are going to be driving as they go after the JADO rocket car.

106

00:07:21,000 --> 00:07:28,000

What we need to do is build some kind of structure around the cab that will give them maximum protection if something goes wrong.

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00:07:28,000 --> 00:07:35,000

To do that, we're welding a steel cage all the way around the cab. Then we're attaching polycarbonate blast shields all the way around that.

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00:07:35,000 --> 00:07:45,000

Now imagine Jamie and Adam moving down the desert, radio-controlling a rocket car from inside this post-apocalyptic sci-fi looking beast.

109

00:07:47,000 --> 00:07:49,000

This is going to be awesome.

110

00:07:49,000 --> 00:07:52,000

Indeed. So the steel frame is cut.

111

00:07:52,000 --> 00:07:56,000

Am I the only one that has the A-Team going through my head right now?

112

00:07:56,000 --> 00:08:06,000

Welded together, hoisted into position, and attached to the truck, which is just what the Hainem and Ork.

113

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

Is that beefy enough for you?

114

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

I think that's going to do it.

115

00:08:12,000 --> 00:08:18,000

I mean, you know, it's your life on the line. You guys are going to be in there driving, so we want to make it as beefy as possible.

116

00:08:18,000 --> 00:08:19,000

Well, thank you.

117

00:08:19,000 --> 00:08:20,000

We don't want you to get hurt, big guy.

118

00:08:20,000 --> 00:08:21,000

Don't touch me.

119

00:08:21,000 --> 00:08:22,000

Sorry.

120

00:08:23,000 --> 00:08:30,000

Jamie's happy, so the frame is finished, and even the rain doesn't ruin this parade.

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00:08:31,000 --> 00:08:34,000

You're probably asking yourself, how are they going to be able to get into the cab?

122

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

That's probably the coolest part about this whole thing.

123

00:08:37,000 --> 00:08:55,000

Jamie and Adam can get in and out. How cool is this? I mean, this is serious Mad Max stuff.

124

00:08:55,000 --> 00:09:02,000

So the last pieces of the puzzle, the blast shields, are bolted into position on all three sides of the cage.

125

00:09:02,000 --> 00:09:06,000

Man, what are we going to do with this truck when we're done with the experiment?

126

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

I think we're ready for the apocalypse.

127

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

And with that, the truck bunker is ready to hit the road.

128

00:09:22,000 --> 00:09:28,000

Meanwhile, next door, Grant has finally finished remote controlling the Impala.

129

00:09:29,000 --> 00:09:33,000

Okay, so this car is ready to go with all of its radio control, but you know what?

130

00:09:33,000 --> 00:09:36,000

It hasn't been tested altogether as a system yet.

131

00:09:36,000 --> 00:09:42,000

So to do that, we need to go somewhere remote, where there aren't a lot of people or things to crash into.

132

00:09:43,000 --> 00:09:46,000

Well, the new Jerusalem runway should fit that bill.

133

00:09:48,000 --> 00:09:49,000

A little foggy this morning.

134

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

Yep.

135

00:09:50,000 --> 00:09:53,000

Shall we drive a car while standing in a single location?

136

00:09:53,000 --> 00:09:54,000

Sounds like a plan to me.

137

00:09:55,000 --> 00:09:57,000

Sounds like a plan.

138

00:09:57,000 --> 00:09:59,000

That could have gone better.

139

00:09:59,000 --> 00:10:01,000

But this time, there's a twist.

140

00:10:02,000 --> 00:10:08,000

What we've done is we put a camera in this car right where the driver would be giving us the same view,

141

00:10:08,000 --> 00:10:11,000

and we're going to try to drive it via monitor.

142

00:10:11,000 --> 00:10:13,000

It's sort of like a virtual reality system.

143

00:10:15,000 --> 00:10:16,000

Yeah!

144

00:10:16,000 --> 00:10:17,000

Yep.

145

00:10:17,000 --> 00:10:18,000

And once the motor is running, we're on.

146

00:10:18,000 --> 00:10:19,000

Excellent.

147

00:10:20,000 --> 00:10:22,000

With only the monitor for reference.

148

00:10:22,000 --> 00:10:23,000

Here we go.

149

00:10:25,000 --> 00:10:27,000

Grant takes the Impala for a spin.

150

00:10:27,000 --> 00:10:28,000

It's moving.

151

00:10:28,000 --> 00:10:30,000

After a ginger start.

152

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

Look at that!

153

00:10:31,000 --> 00:10:35,000

It's clear that Grant's years of GTA have paid off.

154

00:10:35,000 --> 00:10:37,000

Line it up on the white line.

155

00:10:40,000 --> 00:10:41,000

Oh, hey.

156

00:10:41,000 --> 00:10:43,000

Oh, you're trying to miss the camera.

157

00:10:43,000 --> 00:10:44,000

Yeah, that's what I'm trying to do.

158

00:10:44,000 --> 00:10:45,000

Nice.

159

00:10:47,000 --> 00:10:49,000

Oh, oh, oh.

160

00:10:49,000 --> 00:10:51,000

Add the virtual reality system.

161

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

Add the virtual remote control system is also ahead of the curve.

162

00:10:55,000 --> 00:10:59,000

He's stopped and breaks up.

163

00:11:01,000 --> 00:11:03,000

So that was a successful test.

164

00:11:03,000 --> 00:11:08,000

You know, the car starts, that it drives, that it stops, that it steers.

165

00:11:08,000 --> 00:11:09,000

Kind of.

166

00:11:09,000 --> 00:11:16,000

As a bonus, we can switch it into neutral when we have to and kill it if anything goes awry.

167

00:11:17,000 --> 00:11:19,000

That is a very promising systems check.

168

00:11:19,000 --> 00:11:20,000

Yeah, not a bad start.

169

00:11:20,000 --> 00:11:22,000

You tweak there and we'll be good to go.

170

00:11:22,000 --> 00:11:24,000

Well, let's head to the desert.

171

00:11:27,000 --> 00:11:30,000

Coming up, it's the return of the J-Toe.

172

00:11:30,000 --> 00:11:31,000

Doing good.

173

00:11:31,000 --> 00:11:33,000

He's coming straight for it.

174

00:11:33,000 --> 00:11:34,000

Get ready, Kerry.

175

00:11:34,000 --> 00:11:37,000

And the Mythbusters finally get their rockets off.

176

00:11:37,000 --> 00:11:38,000

Ow!

177

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

But can they make an Impala fly?

178

00:11:43,000 --> 00:11:45,000

This time, could be the charm.

179

00:11:50,000 --> 00:12:05,000

In this urban legend, a speed freak strapped a rocket to his car, hit a bump, and flew through the air for over a mile, until a cliff brought his sky ride to an end.

180

00:12:05,000 --> 00:12:06,000

Fire!

181

00:12:06,000 --> 00:12:09,000

It's the very first one that got away.

182

00:12:10,000 --> 00:12:15,000

And despite two previous attempts, this myth has remained unanswered.

183

00:12:15,000 --> 00:12:21,000

So now, the Mythbusters are back in the Mojave to put it to rest once and for all.

184

00:12:22,000 --> 00:12:24,000

It's a good day for rockets in Mayhem.

185

00:12:26,000 --> 00:12:27,000

Well, this is it.

186

00:12:27,000 --> 00:12:36,000

I know it looks like I'm standing in the middle of nowhere, but in point of fact, I'm standing on the Cuttyback Dry Lake bed in the Mojave Desert, five miles long, two miles wide.

187

00:12:36,000 --> 00:12:42,000

This is where the first episode of Mythbusters we ever shot ten years ago reaches its natural conclusion.

188

00:12:42,000 --> 00:12:48,000

This is where our rocket car, our Chevy Impala, hopefully, will finally catch some air.

189

00:12:49,000 --> 00:12:52,000

So, all that's left is to attach the rockets to the car and go for it, right?

190

00:12:53,000 --> 00:12:54,000

Well, actually, no.

191

00:12:56,000 --> 00:12:58,000

See, first, we have to nail down our safety.

192

00:12:58,000 --> 00:13:01,000

Then we have to measure out a length of desert highway.

193

00:13:01,000 --> 00:13:03,000

And then we have to check the RC system.

194

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

And when we're happy with all that, then and only then do we attach the rockets to the car.

195

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

Which means I better get back to work, huh?

196

00:13:12,000 --> 00:13:16,000

There's a lot to do, but as always, it's safety first.

197

00:13:16,000 --> 00:13:22,000

Now, once these rockets go off, this car is going to turn into a 5,000-pound missile.

198

00:13:22,000 --> 00:13:24,000

And if it decides to go off course, we're going to need protection.

199

00:13:24,000 --> 00:13:26,000

And that's where this comes in.

200

00:13:26,000 --> 00:13:30,000

This is a 100-blast resistant steel building.

201

00:13:30,000 --> 00:13:34,000

And it can withstand a 1,200-pound Ambo Blast 75 feet away.

202

00:13:34,000 --> 00:13:39,000

And it is two-time more blast resistant than a Reavors Concrete building.

203

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

I'm going to feel really safe inside of there.

204

00:13:42,000 --> 00:13:44,000

That's mission control sorted.

205

00:13:44,000 --> 00:13:48,000

But Adam and Jamie will ride in the belly of the beast.

206

00:13:52,000 --> 00:13:54,000

How do you like the beast?

207

00:13:54,000 --> 00:13:57,000

I'm speechless. I think we'll be safe in it.

208

00:13:57,000 --> 00:13:59,000

That's everyone protected.

209

00:14:01,000 --> 00:14:05,000

So next up is that highway to the danger zone.

210

00:14:05,000 --> 00:14:09,000

So the middens of our driver hit this bump on the side of the road and got airborne.

211

00:14:09,000 --> 00:14:11,000

Now, the side of the road, it's not a huge bump.

212

00:14:11,000 --> 00:14:13,000

It's just about a speed bump.

213

00:14:13,000 --> 00:14:17,000

So we're going to make this little berm, this little bump, out of these 50-pound sandbags.

214

00:14:17,000 --> 00:14:21,000

Actually, in line of 50-pound sandbags, about 50 feet long.

215

00:14:21,000 --> 00:14:24,000

Oh, crap. This one's leaky.

216

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

It's ironic. It's like we're getting ready for a flood in the desert.

217

00:14:28,000 --> 00:14:35,000

For visibility, it's back to black for the berm, while Adam is fashioning the guideline.

218

00:14:35,000 --> 00:14:39,000

Well, they told me I'd be working on the runway, so I put together something a little special.

219

00:14:39,000 --> 00:14:42,000

In fact, this is one of our white stripes.

220

00:14:42,000 --> 00:14:45,000

We're going to lay them out for about 300 feet right down the center line,

221

00:14:45,000 --> 00:14:49,000

and these will be what we will use to aim the car towards ground zero.

222

00:14:50,000 --> 00:14:51,000

Perfect.

223

00:14:52,000 --> 00:14:53,000

Nailed it.

224

00:14:54,000 --> 00:14:58,000

And with the fast lane set, Jamie's bumper-to-bumper on the car.

225

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

This may look like a heck of a bumper, but that's not actually what it's here for.

226

00:15:02,000 --> 00:15:07,000

It's here for its weight, because we need the car to fly like a rocket,

227

00:15:07,000 --> 00:15:10,000

and to do that, it's crucial that we have proper balance.

228

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

In rockets, you need to have the center of gravity forward of the geometrical center,

229

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

and so, since we've added a lot of weight in the back, because our rockets are actually quite heavy,

230

00:15:20,000 --> 00:15:23,000

we need to add a bunch of extra weight on the front of the car,

231

00:15:23,000 --> 00:15:27,000

and hopefully, we'll bring that center of gravity forward enough to do the job.

232

00:15:27,000 --> 00:15:32,000

Yep, and with the bumper on the front, the rockets are carefully loaded onto the back.

233

00:15:32,000 --> 00:15:34,000

Does this look as dangerous as it feels?

234

00:15:35,000 --> 00:15:38,000

Is that a rocket in your pocket, or are you just happy to see me?

235

00:15:38,000 --> 00:15:39,000

Yes.

236

00:15:40,000 --> 00:15:43,000

But for safety, they won't be wired to ignite until launch.

237

00:15:44,000 --> 00:15:45,000

Okay, that's it.

238

00:15:45,000 --> 00:15:49,000

And speaking of ignition, time to check the Cobra firing system.

239

00:15:49,000 --> 00:15:53,000

The rockets are in, but more importantly, the ignition system is in.

240

00:15:53,000 --> 00:15:57,000

Now, this is critical, because this is where everything could go horribly wrong.

241

00:15:58,000 --> 00:16:01,000

This is ignition test in three, two, one.

242

00:16:05,000 --> 00:16:06,000

That's awesome!

243

00:16:07,000 --> 00:16:11,000

It's awesome, and with the car dressed for success, Adam's getting excited.

244

00:16:12,000 --> 00:16:17,000

For me, the most intensely rewarding thing about doing this story now is thinking about the last 10 years,

245

00:16:17,000 --> 00:16:18,000

and how far we've come.

246

00:16:18,000 --> 00:16:22,000

I look at the very first rocket car story, the first story we shot, the first story that aired.

247

00:16:23,000 --> 00:16:26,000

10 years ago, and we were so green.

248

00:16:26,000 --> 00:16:29,000

We knew so much less than we know now.

249

00:16:30,000 --> 00:16:38,000

And it really feels rewarding to be back out in the desert, putting the final nail in the coffin of this story, hopefully,

250

00:16:39,000 --> 00:16:41,000

and putting it to rest once and for all.

251

00:16:41,000 --> 00:16:42,000

It feels great.

252

00:16:42,000 --> 00:16:48,000

The next check to make is the remote control, and for that, Grants reinvented the steering wheel.

253

00:16:49,000 --> 00:16:50,000

Everybody clear?

254

00:16:50,000 --> 00:17:06,000

They're going to be using these controls, which include gas, steering, brake, and of course, the kill switch.

255

00:17:07,000 --> 00:17:13,000

All this is going to put Jamie as close as he can be while still being safe to being in the driver's seat.

256

00:17:14,000 --> 00:17:16,000

Yep, and now to put them into the beast.

257

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

And with the controls in situ, inside the beast, Adam and Jamie prepare for a static range test.

258

00:17:25,000 --> 00:17:27,000

Okay, I need to do step on the brake.

259

00:17:29,000 --> 00:17:31,000

That is so cool.

260

00:17:31,000 --> 00:17:33,000

Car going into drive.

261

00:17:38,000 --> 00:17:39,000

Okay, chocked away.

262

00:17:39,000 --> 00:17:41,000

Okay, Jamie, it's under your control.

263

00:17:47,000 --> 00:17:56,000

The theory is that this system should have at least 1,500 feet of range, which is something Jamie quickly proves.

264

00:17:56,000 --> 00:17:59,000

You're at 1,500 feet. That's fantastic. You still have control?

265

00:17:59,000 --> 00:18:00,000

Yeah.

266

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

Excellent.

267

00:18:03,000 --> 00:18:07,000

First test couldn't have gone better. I was able to steer perfectly, stop perfectly.

268

00:18:08,000 --> 00:18:11,000

I had good acceleration. Everything's working like a charm.

269

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

Working like a charm. But now to add another layer of complexity.

270

00:18:19,000 --> 00:18:27,000

In this test, both the white car and our truck will be moving so that we can make sure we are within radio range as long as possible.

271

00:18:28,000 --> 00:18:33,000

So this time, both mythbusters are in the driver's seat. Jamie for the beast and Adam the Impala.

272

00:18:35,000 --> 00:18:39,000

And with the shields down, they hit the gas.

273

00:18:39,000 --> 00:18:42,000

In 3, 2, 1, go.

274

00:18:51,000 --> 00:18:55,000

However, controlling one moving vehicle from another isn't easy.

275

00:18:59,000 --> 00:19:04,000

Oh, it's moving off to the right a bit. Oh, it's way right. Get back in the center.

276

00:19:05,000 --> 00:19:12,000

As the car veers out of control at 50 miles per hour, Adam puts the brakes on the test.

277

00:19:13,000 --> 00:19:16,000

All I see is a cloud of dust. I can't even see the car anymore.

278

00:19:17,000 --> 00:19:21,000

This is a great example of why you run tests because that didn't work at all.

279

00:19:22,000 --> 00:19:31,000

Trying to drive the rocket car via the remote screen while the dump truck is moving through my sense of direction and steering completely out of the black.

280

00:19:31,000 --> 00:19:35,000

It's just, it's not feasible. We've got enough signal strength to make it to the berm. We're pretty sure.

281

00:19:36,000 --> 00:19:42,000

There's enough things that could already go wrong without adding that difficulty so the truck will remain stationary for this test.

282

00:19:43,000 --> 00:19:50,000

With so much that could go wrong, it's all about limiting risk, which means keeping it simple and keeping the beast stationary.

283

00:19:51,000 --> 00:19:54,000

So the last thing to worry about is the rockets.

284

00:19:55,000 --> 00:19:59,000

For due diligence, we test-fired one of the rockets out of the batch of rockets we're going to be using on the cars.

285

00:20:02,000 --> 00:20:07,000

And it was successful. The thing is that these rockets are basically controlled explosions.

286

00:20:08,000 --> 00:20:11,000

To get the most power per pound out of them, they push them right to the edge.

287

00:20:12,000 --> 00:20:15,000

And if they make a mistake and they push them a little too far, you've got a pipe bomb.

288

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

And that's basically what happened on the second rocket car.

289

00:20:21,000 --> 00:20:27,000

This time, since we've done test-fire and it was successful, we anticipate we should have a successful run on the cars.

290

00:20:28,000 --> 00:20:30,000

Well, those could be famous last words.

291

00:20:31,000 --> 00:20:34,000

But with the equivalent force of a Jato wired for action...

292

00:20:35,000 --> 00:20:37,000

It's going to be awesome.

293

00:20:38,000 --> 00:20:41,000

This little Impala is packing heat.

294

00:20:42,000 --> 00:20:47,000

In plain talk, 10,000 pounds of thrust is 4,500 horsepower. That's a lot of go-fast.

295

00:20:48,000 --> 00:20:54,000

A lot of go-fast. And with the rockets locked, loaded, and live, the countdown can begin.

296

00:20:54,000 --> 00:21:00,000

All right, this is it. 10 years in the making from the very first episode of Mythbusters.

297

00:21:01,000 --> 00:21:03,000

And here is how our test is going to work.

298

00:21:04,000 --> 00:21:11,000

Adam and I will be driving the rocket car from inside this thing right here, which we call the beast. It's our mobile bunker.

299

00:21:12,000 --> 00:21:16,000

Troy Grant and I will be here in the command center, monitoring the car, getting up to speed.

300

00:21:17,000 --> 00:21:18,000

When it hits its mark, I'll hit this button.

301

00:21:19,000 --> 00:21:25,000

And then, one second later, the rockets will ignite and that rocket car will go racing straight into the burn.

302

00:21:26,000 --> 00:21:35,000

And if all of that works absolutely perfectly and this myth is true, we should find this car converted into nothing but a hunk of metal embedded in that mountain over there.

303

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

So at T-minus 40 seconds, it's chocks away.

304

00:21:41,000 --> 00:21:44,000

Okay, the rockets are armed. We are on our way.

305

00:21:44,000 --> 00:21:47,000

And then finally, it's all over to Adam.

306

00:21:48,000 --> 00:21:49,000

All right.

307

00:21:50,000 --> 00:21:51,000

All right, all systems are ready. You ready?

308

00:21:52,000 --> 00:21:53,000

I'm ready.

309

00:21:54,000 --> 00:21:56,000

This is where my heart's beating like a hundred times a second.

310

00:21:57,000 --> 00:21:58,000

Here we go.

311

00:21:58,000 --> 00:21:59,000

Carrie, are you ready on the button?

312

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

Ready.

313

00:22:01,000 --> 00:22:03,000

Troy, you're all the cameras rolling.

314

00:22:03,000 --> 00:22:04,000

We are ready here in the bunker.

315

00:22:05,000 --> 00:22:06,000

All right, let's do this.

316

00:22:08,000 --> 00:22:09,000

Here we go, ladies and gentlemen.

317

00:22:10,000 --> 00:22:11,000

Rocket car.

318

00:22:11,000 --> 00:22:13,000

J-no. Mission accomplished.

319

00:22:13,000 --> 00:22:16,000

In three, two, one, break off.

320

00:22:17,000 --> 00:22:18,000

Here we go.

321

00:22:19,000 --> 00:22:20,000

There she goes.

322

00:22:33,000 --> 00:22:39,000

Since the beginning of Mythbusters in 2003, the team has put over 850 myths to the test.

323

00:22:40,000 --> 00:22:43,000

But one legend has long eluded them.

324

00:22:44,000 --> 00:22:49,000

And now, after a decade, they're back for the ultimate conclusion.

325

00:22:50,000 --> 00:22:53,000

Yes, ladies and gentlemen, start your rocket engines.

326

00:22:54,000 --> 00:22:56,000

Because this is J-toe 3.

327

00:22:56,000 --> 00:23:18,000

It's the myth of a rookie rocketeer who attached a J-toe to his car and went from 50 to 300 miles per hour in no seconds flat.

328

00:23:20,000 --> 00:23:25,000

But when he hit up up in the road, he was launched into urban legend.

329

00:23:26,000 --> 00:23:27,000

The cliff face.

330

00:23:28,000 --> 00:23:33,000

But will that be the case when the legend comes face to face with reality?

331

00:23:34,000 --> 00:23:38,000

There's so many things that could go wrong right now that I'm not really concerned whether or not this car is going to fly.

332

00:23:38,000 --> 00:23:41,000

I just want to make sure it drives straight, the rockets go off at the right time, and it hits the burn.

333

00:23:42,000 --> 00:23:43,000

Is it going to fly? I don't know.

334

00:23:43,000 --> 00:23:45,000

But if it doesn't, it's not for a lack of trying.

335

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

Arming.

336

00:23:47,000 --> 00:23:48,000

Indeed.

337

00:23:48,000 --> 00:23:54,000

And with the rockets armed, the car primed, and the team hunkered in their bunkers.

338

00:23:55,000 --> 00:23:57,000

I swear my heart's beating like a hundred times a second.

339

00:23:58,000 --> 00:24:04,000

After a decade of myth busting and two failed attempts, the myth comes down to this.

340

00:24:05,000 --> 00:24:12,000

Will the Impala finally take flight? Or will it go down in flames and myth busters history?

341

00:24:13,000 --> 00:24:21,000

Rocket car towards the berm. Five rockets in three, two, one. We are starting off. Break us off.

342

00:24:21,000 --> 00:24:22,000

There she goes.

343

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

Okay, the car is rolling.

344

00:24:25,000 --> 00:24:26,000

Doing good.

345

00:24:26,000 --> 00:24:27,000

Yeah.

346

00:24:27,000 --> 00:24:28,000

Perfect.

347

00:24:28,000 --> 00:24:30,000

It's hearts and mouths time.

348

00:24:32,000 --> 00:24:33,000

25.

349

00:24:33,000 --> 00:24:37,000

As Adam slowly accelerates the car up to 50 miles per hour.

350

00:24:37,000 --> 00:24:38,000

You're drifting.

351

00:24:38,000 --> 00:24:39,000

Straighten it out.

352

00:24:39,000 --> 00:24:40,000

Yep.

353

00:24:40,000 --> 00:24:42,000

And back on the center line.

354

00:24:42,000 --> 00:24:43,000

37.

355

00:24:44,000 --> 00:24:45,000

You're doing good.

356

00:24:45,000 --> 00:24:46,000

Get ready, Kerry.

357

00:24:46,000 --> 00:24:49,000

The Impala reaches the black flag.

358

00:24:49,000 --> 00:24:50,000

You're going to make it.

359

00:24:50,000 --> 00:24:51,000

Here we go.

360

00:25:02,000 --> 00:25:03,000

Wow.

361

00:25:08,000 --> 00:25:09,000

Yes.

362

00:25:09,000 --> 00:25:11,000

I saw sky.

363

00:25:11,000 --> 00:25:13,000

I saw sky just for a second.

364

00:25:17,000 --> 00:25:18,000

They got airborne.

365

00:25:18,000 --> 00:25:20,000

That was amazing.

366

00:25:20,000 --> 00:25:21,000

Wow.

367

00:25:21,000 --> 00:25:22,000

That was insane.

368

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

One second the car was there and the next second it was gone.

369

00:25:26,000 --> 00:25:42,000

On ignition, the Impala rocketed to 200 miles per hour, barreled over the berm, careened out of control and twisted through the air.

370

00:25:43,000 --> 00:25:53,000

Leaving in its wake the kind of debris you only get when you combine the mythbusters, rockets and cars.

371

00:25:53,000 --> 00:25:54,000

Wow.

372

00:25:54,000 --> 00:25:56,000

That thing is man-gull.

373

00:25:57,000 --> 00:25:58,000

Holy cow.

374

00:26:00,000 --> 00:26:01,000

That's a working mark.

375

00:26:01,000 --> 00:26:02,000

Yep.

376

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

This is what happens between a rocket and a hard place.

377

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

See it, but I don't believe it.

378

00:26:07,000 --> 00:26:10,000

Oh my God, the front end is completely smashed.

379

00:26:10,000 --> 00:26:12,000

That is cool looking.

380

00:26:12,000 --> 00:26:13,000

Did it even catch air?

381

00:26:13,000 --> 00:26:15,000

I saw that clear about 20 feet or so.

382

00:26:15,000 --> 00:26:19,000

It was quite a ways after the berm, but who knows what it was doing.

383

00:26:19,000 --> 00:26:21,000

It was just going nuts.

384

00:26:21,000 --> 00:26:23,000

But it was nothing like the myth.

385

00:26:23,000 --> 00:26:27,000

No, it was far more out of control.

386

00:26:29,000 --> 00:26:36,000

Far more out of control because one thing is for sure, that Impala certainly didn't make the mile high club.

387

00:26:36,000 --> 00:26:37,000

Rockets.

388

00:26:37,000 --> 00:26:38,000

Look at that.

389

00:26:39,000 --> 00:26:40,000

And then, oh, you know what?

390

00:26:40,000 --> 00:26:47,000

The wheel went under, it went sideways, it flipped end over end and wow.

391

00:26:48,000 --> 00:26:50,000

That thing got tore.

392

00:26:52,000 --> 00:26:53,000

Beautiful.

393

00:26:54,000 --> 00:26:57,000

That might be my favorite high speed shot I've ever seen.

394

00:26:57,000 --> 00:26:58,000

That was gorgeous.

395

00:26:59,000 --> 00:27:02,000

And I love that it lands on its base.

396

00:27:02,000 --> 00:27:03,000

Oh, and there goes the time.

397

00:27:03,000 --> 00:27:05,000

It's rocketed to number one for Adam.

398

00:27:05,000 --> 00:27:09,000

And for Carrie, it was one heck of a nail biter.

399

00:27:10,000 --> 00:27:15,000

This is one of the most nerve wracking experiences of my life.

400

00:27:15,000 --> 00:27:16,000

The car starts to move.

401

00:27:16,000 --> 00:27:19,000

It's kicking up dirt like crazy.

402

00:27:19,000 --> 00:27:21,000

It's moving faster and faster.

403

00:27:21,000 --> 00:27:22,000

It's getting close to the mark.

404

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

My hand is shaking above the ignition button.

405

00:27:25,000 --> 00:27:26,000

I'm waiting.

406

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

The car approaches.

407

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

Black Marlboro.

408

00:27:28,000 --> 00:27:29,000

It crosses.

409

00:27:29,000 --> 00:27:34,000

I push the button and then the longest second of my life begins.

410

00:27:34,000 --> 00:27:37,000

There's a lag time, but my heart doesn't know that.

411

00:27:37,000 --> 00:27:42,000

I stop breathing, the butterflies are puking in my stomach and then, whoosh.

412

00:27:43,000 --> 00:27:44,000

Rockets ignite.

413

00:27:44,000 --> 00:27:49,000

The car screams towards the berm, goes over it, and then starts to veer to the left and then, whoo, whoo, whoo.

414

00:27:49,000 --> 00:27:51,000

And then, whoo, whoo, whoo.

415

00:27:51,000 --> 00:27:53,000

And then, whoo, whoo, whoo.

416

00:27:53,000 --> 00:27:54,000

And then, whoo, whoo, whoo.

417

00:27:54,000 --> 00:27:58,000

And then starts to veer to the left and then, whoo, whoo, whoo.

418

00:27:58,000 --> 00:28:01,000

And over in engines, wheels, carnage.

419

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

Great experiment.

420

00:28:04,000 --> 00:28:09,000

And although we didn't see a car fly, you can't say they didn't try.

421

00:28:09,000 --> 00:28:10,000

Well, what can you say?

422

00:28:10,000 --> 00:28:12,000

We're not rocket scientists.

423

00:28:12,000 --> 00:28:19,000

I do want to point out though that the only thing that survived this whole thing was what I built,

424

00:28:19,000 --> 00:28:21,000

and things that were attached to what I built.

425

00:28:21,000 --> 00:28:25,880

to what I built. It's still here, the rocket pocket and the truss. Heck, the whole engine

426

00:28:25,880 --> 00:28:31,640

fell off, the whole front of the car fell off. I think it's pretty clear. What we have

427

00:28:31,640 --> 00:28:36,160

here is a case of mythos testis. We just have to find the culprits.

428

00:28:36,160 --> 00:28:41,400

So as the sun sets on the wreckage, those culprits can close the case.

429

00:28:41,400 --> 00:28:43,600

So do you guys want to call the myth ten years later?

430

00:28:43,600 --> 00:28:48,360

I think we can definitively say that the original rocket car myth, once and for all,

431

00:28:48,360 --> 00:28:49,360

totally busted.

432

00:28:50,040 --> 00:28:52,320

Is this part of the story where we get to replicate the results?

433

00:28:52,320 --> 00:28:53,320

Let's do it.

434

00:28:53,320 --> 00:28:54,320

Yes!

435

00:28:58,640 --> 00:29:03,200

Please, don't try anything you're about to see at home. We have experts to keep us safe.

436

00:29:03,200 --> 00:29:06,200

This stuff is extremely dangerous. Just don't do it.

437

00:29:14,200 --> 00:29:18,360

As the sun rises here on the Mojave Desert, allow me to welcome you back to JADO Mission

438

00:29:18,360 --> 00:29:23,560

Accomplished. Ten years ago, on our very first ever episode of Mythbusters, we replicated

439

00:29:23,560 --> 00:29:27,360

a famous urban legend by strapping a rocket to a car and it did this.

440

00:29:32,560 --> 00:29:37,800

Four years later, in 2007, with more knowledge and more rocketry, we attempted to go bigger

441

00:29:37,800 --> 00:29:38,960

and ended up with this.

442

00:29:44,360 --> 00:29:47,560

Or not. Clearly, we still had work to do.

443

00:29:47,760 --> 00:29:53,680

Earlier on in this very episode, we replicated precisely all the circumstances of the original

444

00:29:53,680 --> 00:29:56,360

myth and we ended up with this.

445

00:29:56,360 --> 00:29:57,960

Here's how it looked.

446

00:30:03,960 --> 00:30:07,440

But of course, that's not good enough for us because a rocket doesn't bounce along the

447

00:30:07,440 --> 00:30:12,960

ground. A rocket flies through the sky. That is our goal. That's what we're here to do.

448

00:30:12,960 --> 00:30:13,960

Shall we begin?

449

00:30:14,360 --> 00:30:20,240

Yep, the show ain't over until the rocket car flies. So here's that second Impala they

450

00:30:20,240 --> 00:30:27,400

made earlier. Fitted with a heavy-duty rocket pocket and a remote control system. It's identical

451

00:30:27,400 --> 00:30:30,960

to Impala 1, but this time it's racing red.

452

00:30:33,960 --> 00:30:37,240

Alright, so here's what we're going to do differently. First of all, we're going to

453

00:30:37,240 --> 00:30:42,720

give the Impala six rockets. That's 20% more power and fire out calculations should get

454

00:30:42,720 --> 00:30:48,920

it airborne. But second, and most importantly, we're going to give this car a little jump

455

00:30:48,920 --> 00:30:50,920

start on gravity.

456

00:30:50,920 --> 00:30:56,920

So to see the Impala take flight this time around, they're literally ramping up the test.

457

00:30:56,920 --> 00:31:00,880

This time we're getting that car airborne no matter what it takes and we've decided

458

00:31:00,880 --> 00:31:02,440

what it takes is a ramp.

459

00:31:02,440 --> 00:31:09,120

Can we get some help over here? Yeah! This is exactly how the Egyptians did it.

460

00:31:09,520 --> 00:31:13,520

Moving in, moving in. We've built more than a few in our 10-year, 10-year on Mythbusters.

461

00:31:13,520 --> 00:31:19,440

We built a huge one out of dirt for the Dukes of Hazard Jump. And we used a couple of old

462

00:31:19,440 --> 00:31:22,720

shipping containers to launch the second rocket car.

463

00:31:22,720 --> 00:31:28,360

Actually, it didn't launch at all. But for this one, we've decided to build the ramp

464

00:31:28,360 --> 00:31:32,120

wholly from scratch. Why? Because it turns out after all these years, we now know how

465

00:31:32,120 --> 00:31:33,120

to do that.

466

00:31:33,120 --> 00:31:36,520

Well, maybe not exactly from scratch, because you know what?

467

00:31:36,920 --> 00:31:40,720

This is very similar to the barn raiser Jamie used to do as a child.

468

00:31:40,720 --> 00:31:45,720

They already make these things. They're pre-manufactured and they're called roofs.

469

00:31:45,720 --> 00:31:48,720

We're also going to put them together with screws so we can recycle the lumber.

470

00:31:49,720 --> 00:31:54,720

It's a roof job, but someone's got to do it.

471

00:31:54,720 --> 00:31:59,720

Next on Speed Building, will they get the roof done before the sun goes down?

472

00:32:00,120 --> 00:32:07,320

Hopefully. Because at 32 feet wide, 65 feet long, and 11 feet off the desert floor, that's

473

00:32:07,320 --> 00:32:13,040

one rugged ramp. But to become part of the Jato legend, it's going to need to look the

474

00:32:13,040 --> 00:32:14,040

part.

475

00:32:14,040 --> 00:32:22,040

Oh, yeah! Jump that way. That way. Hopefully the car will obey the arrow.

476

00:32:30,720 --> 00:32:35,720

Uh oh. I see a problem.

477

00:32:35,720 --> 00:32:41,720

Well, there she blows. 1,100 feet of white line fever ending in what is undoubtedly the

478

00:32:41,720 --> 00:32:47,400

most beautiful ramp we have ever made on this show. And it's only ever going to get one

479

00:32:47,400 --> 00:32:49,480

set of tire tracks.

480

00:32:49,480 --> 00:32:55,480

Only one set. Courtesy of Big Red, which is ready and raring for a quick systems check.

481

00:32:55,480 --> 00:32:57,480

Okay, Jamie, go ahead.

482

00:32:57,480 --> 00:33:02,480

Break is off. Nice acceleration, nice and smooth.

483

00:33:02,480 --> 00:33:07,480

Yes! That was so straight, he's got it.

484

00:33:07,480 --> 00:33:09,480

I'm stopping.

485

00:33:09,480 --> 00:33:11,480

Just dad rockets.

486

00:33:11,480 --> 00:33:13,480

Good job.

487

00:33:13,480 --> 00:33:19,480

The launch pad, the car, and its new pilot, the Heinemann, are good to go. So now to add

488

00:33:19,480 --> 00:33:22,480

that explosive payload. The rockets.

489

00:33:22,480 --> 00:33:27,480

This time we're using six rockets. That's 12,000 pounds of thrust.

490

00:33:27,480 --> 00:33:38,480

Yep, this car is more armed and more dangerous. With a total thrust of 5,400 horsepower.

491

00:33:38,480 --> 00:33:40,480

Sorry about the wrestling.

492

00:33:40,480 --> 00:33:43,480

It's better to have a tight fit than a loose fit.

493

00:33:43,480 --> 00:33:44,480

That's true.

494

00:33:44,480 --> 00:33:46,480

That's what I always say.

495

00:33:46,480 --> 00:33:50,480

And with the rockets locked and loaded, there's just one more thing to add.

496

00:33:50,480 --> 00:33:54,480

I'm sure there are those among you at home who are familiar with rocketry who are wondering

497

00:33:54,480 --> 00:33:58,480

to yourselves, why do we make our jobs a little easier by pulling the engine and putting a

498

00:33:58,480 --> 00:34:00,480

nice long tail fin stabilizer on this?

499

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

When you see, we think of that as cheating. That turns this into a car shaped rocket.

500

00:34:05,480 --> 00:34:08,480

What we want is a rocket powered car.

501

00:34:08,480 --> 00:34:10,480

And that's what this is.

502

00:34:10,480 --> 00:34:14,480

It's a rocket powered car. And it's going to hit the ramp at full tilt.

503

00:34:14,480 --> 00:34:19,480

But will that combo finally get the Impala to fly high?

504

00:34:19,480 --> 00:34:26,480

Since the dawn of time, man has never seen such engineering and ingenuity all aying

505

00:34:26,480 --> 00:34:30,480

towards one goal, one purpose.

506

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

To get a car to fly like a rocket.

507

00:34:34,480 --> 00:34:36,480

Until now.

508

00:34:39,480 --> 00:34:44,480

Coming up on Mythbusters, you figure it out.

509

00:34:44,480 --> 00:34:47,480

Yep, it's the jaw dropping Jato finale.

510

00:34:47,480 --> 00:34:49,480

There goes the rockets.

511

00:34:49,480 --> 00:34:52,480

And the legend comes full circle.

512

00:34:52,480 --> 00:34:54,480

Holy \*\*\*\*!

513

00:35:03,480 --> 00:35:09,480

The story went that an airman strapped a Jato to his car, rocketed across the desert, hit

514

00:35:09,480 --> 00:35:12,480

a bump and soared for over a mile.

515

00:35:12,480 --> 00:35:15,480

But that fatal flight is busted.

516

00:35:15,480 --> 00:35:20,480

So we tested the myth exactly the way it was described, yet we could not get the rocket

517

00:35:20,480 --> 00:35:21,480

car to fly.

518

00:35:21,480 --> 00:35:25,480

So now we are back for my favorite part, which is replicating the results.

519

00:35:25,480 --> 00:35:27,480

Or at least give me everything we got.

520

00:35:27,480 --> 00:35:28,480

Everything.

521

00:35:28,480 --> 00:35:33,480

Because they've pimped the Impala with 12,000 pounds of thrust.

522

00:35:33,480 --> 00:35:35,480

And they're taking the high road.

523

00:35:35,480 --> 00:35:40,480

Now our calculations say that a ramp height of 11 feet is ideal for giving us the best

524

00:35:40,480 --> 00:35:42,480

possible chance of getting flight.

525

00:35:42,480 --> 00:35:48,480

Now if the rockets do their job, we have a projected distance of at least a mile.

526

00:35:48,480 --> 00:35:54,480

That's the theory, but after 10 years of mythbusting, Adam's not quite convinced.

527

00:35:54,480 --> 00:35:59,480

Jamie and I expect our car to hit the base of our ramp at 88 miles per hour.

528

00:35:59,480 --> 00:36:02,480

But the rockets will still be reaching their full power.

529

00:36:02,480 --> 00:36:05,480

We expected to probably leave the ramp going 200 miles per hour.

530

00:36:05,480 --> 00:36:08,480

I'm predicting at least seven or 800 feet.

531

00:36:08,480 --> 00:36:10,480

I don't think it's going to go a mile.

532

00:36:10,480 --> 00:36:12,480

I don't think it's going to go three and a half miles.

533

00:36:12,480 --> 00:36:14,480

I'm saying seven or 800 feet.

534

00:36:14,480 --> 00:36:17,480

And that's if it even makes it up the ramp.

535

00:36:17,480 --> 00:36:21,480

Because rockets can be anything but predictable.

536

00:36:29,480 --> 00:36:33,480

However, with only one car left, this is their last shot.

537

00:36:33,480 --> 00:36:36,480

And it's all down to the Heinemann.

538

00:36:37,480 --> 00:36:41,480

Shields are engaged.

539

00:36:41,480 --> 00:36:42,480

That's all you buddy.

540

00:36:42,480 --> 00:36:49,480

The pressure is on because he must keep the car on track and hit the ramp dead center

541

00:36:49,480 --> 00:36:56,480

to bring 10 long years of sweat, blood and gears to its ultimate conclusion.

542

00:36:56,480 --> 00:36:58,480

Let's do it.

543

00:37:00,480 --> 00:37:03,480

Once again, Grant starts the Impala.

544

00:37:04,480 --> 00:37:05,480

Sounds great.

545

00:37:06,480 --> 00:37:07,480

Cheating to the bunker.

546

00:37:07,480 --> 00:37:08,480

Arming.

547

00:37:08,480 --> 00:37:10,480

Then the rockets are armed.

548

00:37:10,480 --> 00:37:12,480

Take it away, you guys.

549

00:37:12,480 --> 00:37:15,480

And it's the final countdown.

550

00:37:15,480 --> 00:37:18,480

All right, ladies and gentlemen, here it is.

551

00:37:18,480 --> 00:37:22,480

The final journey of the Rugged Car 10-year anniversary.

552

00:37:22,480 --> 00:37:28,480

Five, four, three, two, one. Let's go.

553

00:37:28,480 --> 00:37:30,480

Break us off.

554

00:37:30,480 --> 00:37:32,480

Car is moving.

555

00:37:33,480 --> 00:37:37,480

Jamie slowly accelerates the Impala towards the ramp.

556

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

10, 11, 12, 13.

557

00:37:39,480 --> 00:37:41,480

You're right on center.

558

00:37:41,480 --> 00:37:42,480

You're looking great.

559

00:37:42,480 --> 00:37:43,480

21, 22.

560

00:37:43,480 --> 00:37:45,480

You're slightly steering to the right of the black line.

561

00:37:45,480 --> 00:37:46,480

31, 32.

562

00:37:46,480 --> 00:37:48,480

You're doing great.

563

00:37:48,480 --> 00:37:50,480

37, 39, 40.

564

00:37:50,480 --> 00:37:51,480

You're doing fantastically.

565

00:37:51,480 --> 00:37:53,480

All right, you guys are looking good.

566

00:37:53,480 --> 00:37:54,480

Set her up.

567

00:37:54,480 --> 00:37:55,480

He's going to hit the ramp.

568

00:37:55,480 --> 00:37:57,480

There goes the rockets.

569

00:38:03,480 --> 00:38:04,480

Wow.

570

00:38:04,480 --> 00:38:07,480

I have no idea what happened.

571

00:38:07,480 --> 00:38:09,480

All I see is smoke.

572

00:38:09,480 --> 00:38:13,480

Well, luckily viewers, you've got the best seat in the house.

573

00:38:19,480 --> 00:38:21,480

Wow, that was intense.

574

00:38:21,480 --> 00:38:25,480

Because it's clear that the rocket car finally flew.

575

00:38:25,480 --> 00:38:27,480

Wow.

576

00:38:29,480 --> 00:38:31,480

Holy f\*\*\*.

577

00:38:33,480 --> 00:38:37,480

For 10 fleeting seconds, it pirouetted through the air.

578

00:38:39,480 --> 00:38:40,480

Did you see that?

579

00:38:40,480 --> 00:38:43,480

It hit the ramp and just did a spin in the air.

580

00:38:43,480 --> 00:38:45,480

That was insane.

581

00:38:46,480 --> 00:38:50,480

It's just a pity about the crash landings in between.

582

00:38:54,480 --> 00:38:55,480

That's intense.

583

00:38:55,480 --> 00:38:57,480

Let's go check it out.

584

00:38:57,480 --> 00:39:00,480

As the remains of the Impala are goused by the fire department.

585

00:39:01,480 --> 00:39:02,480

Woo!

586

00:39:03,480 --> 00:39:05,480

The mythbusters go in for a closer look.

587

00:39:05,480 --> 00:39:09,480

Looks like the whole car's been pushed up inside its chassis.

588

00:39:09,480 --> 00:39:10,480

Wow.

589

00:39:10,480 --> 00:39:11,480

Oh, man.

590

00:39:11,480 --> 00:39:13,480

This car seems to have met an angry giant.

591

00:39:13,480 --> 00:39:16,480

Now that's what I call an ending.

592

00:39:16,480 --> 00:39:17,480

Woo-hoo-hoo!

593

00:39:17,480 --> 00:39:23,480

You know, I'm becoming kind of fond of the steaming hulks that we are getting used to seeing after these things.

594

00:39:23,480 --> 00:39:24,480

The steaming hulk.

595

00:39:24,480 --> 00:39:25,480

That's our mythbusters superhero.

596

00:39:25,480 --> 00:39:26,480

The steaming hulk.

597

00:39:26,480 --> 00:39:29,480

So I guess no jet-powered car on the way home, huh?

598

00:39:29,480 --> 00:39:30,480

Nope.

599

00:39:30,480 --> 00:39:32,480

I think this is a total loss.

600

00:39:32,480 --> 00:39:37,480

It's a total loss for the car, but an epic win for the mythbusters.

601

00:39:37,480 --> 00:39:40,480

Well, that was about as neat a run as you could hope for.

602

00:39:40,480 --> 00:39:45,480

Once Grant had started the car, gave us control and everyone was in their bunker,

603

00:39:45,480 --> 00:39:48,480

Jamie started the car, started off at a nice low speed,

604

00:39:48,480 --> 00:39:52,480

gave it a little bit of gas, stayed really dead on center.

605

00:39:52,480 --> 00:39:57,480

At the moment it crossed Harry's butt line, I couldn't see a thing.

606

00:39:57,480 --> 00:40:01,480

I'm looking straight out of the windshield and all I saw was smoke.

607

00:40:01,480 --> 00:40:04,480

For all I knew, the whole thing blew up right there on the stand.

608

00:40:04,480 --> 00:40:05,480

What happened?

609

00:40:05,480 --> 00:40:07,480

And then the smoke starts to clear.

610

00:40:07,480 --> 00:40:11,480

And as the smoke's clearing, I can see that Jamie has perfectly hit the ramp.

611

00:40:11,480 --> 00:40:15,480

I mean, totally straight, but with a tremendous amount of force.

612

00:40:15,480 --> 00:40:18,480

The ramp seems torn up.

613

00:40:18,480 --> 00:40:22,480

After that, all we could see behind the ramp is just a smoking hulk.

614

00:40:22,480 --> 00:40:26,480

We approached it with our shields on and waited for the fire department to put it out.

615

00:40:27,480 --> 00:40:30,480

The amount of destruction on that is truly shocking.

616

00:40:30,480 --> 00:40:32,480

There's nothing car-like about it anymore.

617

00:40:32,480 --> 00:40:34,480

Look at this ramp!

618

00:40:34,480 --> 00:40:36,480

Oh my gosh!

619

00:40:36,480 --> 00:40:38,480

Look at this!

620

00:40:38,480 --> 00:40:40,480

I even threw the dust cloud.

621

00:40:40,480 --> 00:40:42,480

Jamie nailed it straight up the center.

622

00:40:42,480 --> 00:40:46,480

He tore up the ramp and the rockets blew the carnage backwards.

623

00:40:46,480 --> 00:40:48,480

Beautiful.

624

00:40:48,480 --> 00:40:52,480

All right, so when you think about man-made things that are intended to fly,

625

00:40:52,480 --> 00:40:55,480

like an airplane, a missile, an arrow,

626

00:40:55,480 --> 00:40:57,480

they all have something in common.

627

00:40:57,480 --> 00:40:59,480

They're not shaped like a car.

628

00:40:59,480 --> 00:41:03,480

Even with the benefit of incredible thrust, perfect weight distribution,

629

00:41:03,480 --> 00:41:07,480

a ramp to give it an ideal initial trajectory,

630

00:41:07,480 --> 00:41:11,480

we couldn't make this car fly more than 600 feet.

631

00:41:11,480 --> 00:41:14,480

The myth of the rocket car, it's busted.

632

00:41:14,480 --> 00:41:19,480

I guess we're still a ways away from those flying cars everybody wants.

633

00:41:20,480 --> 00:41:27,480

Yep, finally this myth, just like the car, is totally and utterly busted.

634

00:41:31,480 --> 00:41:34,480

Well, I think our work here is done.

635

00:41:34,480 --> 00:41:36,480

I think so.

636

00:41:49,480 --> 00:41:51,480

You