



1
00:00:08,629 --> 00:00:06,630
indycar driver james hinchcliffe will

2
00:00:10,310 --> 00:00:08,639
tell you he's a nasa fan in fact he was

3
00:00:11,990 --> 00:00:10,320
in this very room just over a month ago

4
00:00:13,749 --> 00:00:12,000
learning about what we do here in the

5
00:00:15,749 --> 00:00:13,759
payload operations integration center

6
00:00:17,349 --> 00:00:15,759
that's just before his race in alabama

7
00:00:18,950 --> 00:00:17,359
well as you may know last week hinch

8
00:00:20,790 --> 00:00:18,960
suffered some serious injuries when his

9
00:00:21,750 --> 00:00:20,800
car crashed during a practice lap at

10
00:00:23,509 --> 00:00:21,760
indy

11
00:00:25,189 --> 00:00:23,519
well we're happy to say that he is on

12
00:00:26,790 --> 00:00:25,199
the mend and we wanted to show our

13
00:00:28,630 --> 00:00:26,800

support by showing you an interview that

14

00:00:31,029 --> 00:00:28,640

we taped with him while he was here to

15

00:00:33,430 --> 00:00:31,039

find out what inspired him and if given

16

00:00:34,870 --> 00:00:33,440

the chance would he like to go to space

17

00:00:36,630 --> 00:00:34,880

and live

18

00:00:38,630 --> 00:00:36,640

i'm here with james hinchcliffe or hinch

19

00:00:40,229 --> 00:00:38,640

is the indycar world knows him hench

20

00:00:41,670 --> 00:00:40,239

thanks for stopping by at the payload

21

00:00:43,510 --> 00:00:41,680

operations integration center today in

22

00:00:45,590 --> 00:00:43,520

huntsville tell us about your interest

23

00:00:48,069 --> 00:00:45,600

in space i mean you're a fancy race car

24

00:00:49,270 --> 00:00:48,079

driver why space uh because it's the

25

00:00:51,830 --> 00:00:49,280

only thing that's cooler than being a

26
00:00:53,350 --> 00:00:51,840
race car driver um no i've honestly i've

27
00:00:54,790 --> 00:00:53,360
had a love of space and space

28
00:00:55,830 --> 00:00:54,800
exploration and travel since i was a

29
00:00:57,990 --> 00:00:55,840
little kid

30
00:00:59,430 --> 00:00:58,000
i went to space camp and went to space

31
00:01:01,110 --> 00:00:59,440
academy and you know really got into it

32
00:01:02,549 --> 00:01:01,120
when i was younger the whole astronaut

33
00:01:04,869 --> 00:01:02,559
thing didn't really pan out for me

34
00:01:05,830 --> 00:01:04,879
landed in motorsports obviously and it's

35
00:01:08,390 --> 00:01:05,840
cool i mean there are a lot of

36
00:01:09,910 --> 00:01:08,400
correlations for sure but i've got such

37
00:01:11,510 --> 00:01:09,920
an admiration and appreciation for what

38
00:01:12,789 --> 00:01:11,520

everybody here does and and all the

39

00:01:14,469 --> 00:01:12,799

programs that are going on you know

40

00:01:16,070 --> 00:01:14,479

around the world to get you know humans

41

00:01:17,749 --> 00:01:16,080

into space and everything that we're

42

00:01:18,870 --> 00:01:17,759

learning and technology we're developing

43

00:01:20,710 --> 00:01:18,880

and all the rest of it it's it's

44

00:01:22,230 --> 00:01:20,720

incredibly fascinating to me and that

45

00:01:24,230 --> 00:01:22,240

indycar thing is working out pretty well

46

00:01:25,749 --> 00:01:24,240

for you anyway right so far so good but

47

00:01:28,310 --> 00:01:25,759

if it doesn't i might end up here

48

00:01:30,630 --> 00:01:28,320

begging for a job we'll work for food

49

00:01:32,710 --> 00:01:30,640

we'll take you i mean you you obviously

50

00:01:34,069 --> 00:01:32,720

are conditioned do you understand what

51
00:01:36,469 --> 00:01:34,079
goes through the conditioning and

52
00:01:38,710 --> 00:01:36,479
astronauts go through to get to space

53
00:01:40,469 --> 00:01:38,720
yeah i mean when i went to johnson space

54
00:01:42,550 --> 00:01:40,479
center last year i got a very in-depth

55
00:01:44,389 --> 00:01:42,560
tour and it was it was incredible to

56
00:01:46,389 --> 00:01:44,399
learn you know how long out the training

57
00:01:48,389 --> 00:01:46,399
really does start for a mission and

58
00:01:50,630 --> 00:01:48,399
the whole selection process and all the

59
00:01:52,230 --> 00:01:50,640
development through each stage and

60
00:01:54,310 --> 00:01:52,240
i mean i can only imagine what the build

61
00:01:55,990 --> 00:01:54,320
up to to a launch must really be like i

62
00:01:58,310 --> 00:01:56,000
mean i know what the build up the indy

63
00:01:59,990 --> 00:01:58,320

500 is like is i think actually small in

64

00:02:01,749 --> 00:02:00,000

comparison to what these guys and girls

65

00:02:04,069 --> 00:02:01,759

have to you know put themselves through

66

00:02:05,429 --> 00:02:04,079

and then also mentally prepare for and

67

00:02:07,590 --> 00:02:05,439

again like i said it's it's something

68

00:02:09,510 --> 00:02:07,600

i've just got such an admiration for

69

00:02:11,510 --> 00:02:09,520

is it the need for speed

70

00:02:13,110 --> 00:02:11,520

ah i don't know i mean we were joking

71

00:02:14,630 --> 00:02:13,120

earlier they go considerably faster than

72

00:02:16,150 --> 00:02:14,640

we do in the indy car series but you

73

00:02:19,830 --> 00:02:16,160

don't really feel it so i guess it's

74

00:02:21,589 --> 00:02:19,840

kind of even but no i mean maybe it's a

75

00:02:24,070 --> 00:02:21,599

appreciation of high horsepower you know

76

00:02:25,670 --> 00:02:24,080

a lot of a lot of thrust obviously but

77

00:02:26,949 --> 00:02:25,680

it's you know for the amount of

78

00:02:28,790 --> 00:02:26,959

similarities there's obviously a lot of

79

00:02:30,309 --> 00:02:28,800

differences as well and uh to get to

80

00:02:32,470 --> 00:02:30,319

kind of be on hand here and kind of

81

00:02:33,990 --> 00:02:32,480

witness some of those up close is great

82

00:02:35,830 --> 00:02:34,000

yeah what about the correlation between

83

00:02:37,670 --> 00:02:35,840

uh as this is the pit crew for the

84

00:02:39,509 --> 00:02:37,680

astronauts uh you got some positions

85

00:02:41,750 --> 00:02:39,519

here you could use on your team uh i

86

00:02:44,550 --> 00:02:41,760

think so uh the safety one is one i was

87

00:02:46,390 --> 00:02:44,560

actually particularly fond of uh

88

00:02:48,229 --> 00:02:46,400

right yeah obviously a big part of what

89

00:02:50,229 --> 00:02:48,239

we do as well but no i mean it's it's

90

00:02:52,710 --> 00:02:50,239

funny because you know not dissimilar to

91

00:02:54,630 --> 00:02:52,720

racing and we as drivers get a lot of

92

00:02:56,949 --> 00:02:54,640

the attention whether it's positive or

93

00:02:58,070 --> 00:02:56,959

negative and i think in a lot of cases

94

00:02:59,110 --> 00:02:58,080

astronauts are sort of in the same

95

00:03:01,509 --> 00:02:59,120

position they're sort of in the

96

00:03:03,030 --> 00:03:01,519

spotlight but it really is an entire

97

00:03:05,509 --> 00:03:03,040

group of people and you know for us

98

00:03:07,589 --> 00:03:05,519

whether it's the 30 40 50 employees on

99

00:03:09,910 --> 00:03:07,599

my race team i mean here it's thousands

100

00:03:11,430 --> 00:03:09,920

of people that are responsible for you

101
00:03:13,190 --> 00:03:11,440
know building the pieces designing the

102
00:03:14,470 --> 00:03:13,200
pieces physically getting them up there

103
00:03:17,030 --> 00:03:14,480
looking after them once they're up there

104
00:03:19,589 --> 00:03:17,040
i mean it is this is the epitome of a

105
00:03:21,830 --> 00:03:19,599
team exercise right here and uh and yeah

106
00:03:23,270 --> 00:03:21,840
i mean to see it all functioning here it

107
00:03:25,430 --> 00:03:23,280
just looks like a bigger version of a

108
00:03:26,789 --> 00:03:25,440
race shop in a way yeah and you talked

109
00:03:29,110 --> 00:03:26,799
let's go back a little bit and talk

110
00:03:31,430 --> 00:03:29,120
about the inspiration as a young kid you

111
00:03:34,070 --> 00:03:31,440
want to be an astronaut are we inspiring

112
00:03:35,670 --> 00:03:34,080
the kids this day and time i sure hope

113
00:03:37,910 --> 00:03:35,680

so i mean you know i obviously wasn't

114

00:03:39,910 --> 00:03:37,920

around in the moon landing days but i

115

00:03:42,229 --> 00:03:39,920

was still really taken with with space

116

00:03:44,869 --> 00:03:42,239

exploration and uh learning about you

117

00:03:47,270 --> 00:03:44,879

know how we went from the saturn 5 to a

118

00:03:49,430 --> 00:03:47,280

reusable shuttle and all that and now

119

00:03:51,030 --> 00:03:49,440

obviously the the space station is uh is

120

00:03:53,429 --> 00:03:51,040

a very cool thing that i think a lot of

121

00:03:54,949 --> 00:03:53,439

people know about and um maybe growing

122

00:03:56,390 --> 00:03:54,959

up in canada helped because we did play

123

00:03:58,869 --> 00:03:56,400

a little part in in that whole thing as

124

00:04:00,550 --> 00:03:58,879

well uh and now obviously talking about

125

00:04:02,149 --> 00:04:00,560

going to mars and beyond i mean that to

126

00:04:04,390 --> 00:04:02,159

me is i don't know how you couldn't get

127

00:04:05,750 --> 00:04:04,400

excited about that so hopefully you know

128

00:04:07,190 --> 00:04:05,760

again especially through things like

129

00:04:09,190 --> 00:04:07,200

space camp because i know that was a big

130

00:04:10,309 --> 00:04:09,200

influence on me for sure is getting kids

131

00:04:12,309 --> 00:04:10,319

really interested and really involved

132

00:04:13,589 --> 00:04:12,319

and what all is going on here let's talk

133

00:04:15,509 --> 00:04:13,599

about this part you have in your hand

134

00:04:17,509 --> 00:04:15,519

right here tell us about that

135

00:04:20,310 --> 00:04:17,519

so this i mean this is incredibly cool

136

00:04:21,909 --> 00:04:20,320

as uh we look at getting further into

137

00:04:23,909 --> 00:04:21,919

space obviously uh some of the

138

00:04:26,070 --> 00:04:23,919

technology that's going to come into uh

139

00:04:26,950 --> 00:04:26,080

into play and being able to you know

140

00:04:28,230 --> 00:04:26,960

make

141

00:04:30,469 --> 00:04:28,240

certain parts for repairs or

142

00:04:31,749 --> 00:04:30,479

replacements or whatever is 3d printing

143

00:04:33,350 --> 00:04:31,759

and that's something that we use in

144

00:04:36,469 --> 00:04:33,360

motorsports quite a bit when developing

145

00:04:39,030 --> 00:04:36,479

new parts and i'm told that there's a 3d

146

00:04:40,390 --> 00:04:39,040

printer up on the space station and that

147

00:04:42,710 --> 00:04:40,400

though this didn't come from the space

148

00:04:44,230 --> 00:04:42,720

station this was the uh the first file

149

00:04:47,510 --> 00:04:44,240

that was ever sent to the station for

150

00:04:49,909 --> 00:04:47,520

the first actual 3d printer part built

151
00:04:52,310 --> 00:04:49,919
and uh a replica was made down here on

152
00:04:53,270 --> 00:04:52,320
earth and it was engraved with my i

153
00:04:54,629 --> 00:04:53,280
don't know if the one in the space

154
00:04:56,390 --> 00:04:54,639
station had my name on the file probably

155
00:04:58,070 --> 00:04:56,400
not we'll check that we'll check that

156
00:05:00,310 --> 00:04:58,080
we'll just say yes well you know but

157
00:05:02,070 --> 00:05:00,320
probably not um so no this was you know

158
00:05:03,510 --> 00:05:02,080
given to me a little momento obviously

159
00:05:05,670 --> 00:05:03,520
signed by the astronaut who printed it

160
00:05:07,830 --> 00:05:05,680
and uh that is that is super cool i was

161
00:05:09,749 --> 00:05:07,840
again saying earlier that i've got a

162
00:05:11,590 --> 00:05:09,759
i've got a decent mantle full of you

163
00:05:12,790 --> 00:05:11,600

know some cool trophies but this one it

164

00:05:13,909 --> 00:05:12,800

might be small but it's going up there

165

00:05:16,390 --> 00:05:13,919

that's one of the coolest things i've

166

00:05:18,870 --> 00:05:16,400

got i like that going up on the mantel

167

00:05:21,590 --> 00:05:18,880

um so we talked a little bit downstairs

168

00:05:23,270 --> 00:05:21,600

we were looking at that model and i said

169

00:05:25,510 --> 00:05:23,280

would you live there would you give it

170

00:05:26,710 --> 00:05:25,520

up and and go to space i don't i don't

171

00:05:28,150 --> 00:05:26,720

know how you couldn't i don't know how

172

00:05:29,830 --> 00:05:28,160

you could turn that down you know that's

173

00:05:32,150 --> 00:05:29,840

that's not an offer people get every day

174

00:05:33,670 --> 00:05:32,160

and it would be tough to get like i said

175

00:05:35,909 --> 00:05:33,680

i've got one of the coolest jobs on

176

00:05:37,510 --> 00:05:35,919

earth but this one's not on earth so it

177

00:05:39,670 --> 00:05:37,520

i think it's a little bit cooler it

178

00:05:40,629 --> 00:05:39,680

would be an absolute dream to get to go

179

00:05:42,310 --> 00:05:40,639

up there

180

00:05:44,150 --> 00:05:42,320

all right well we'll see what we can do

181

00:05:45,909 --> 00:05:44,160

about that handshake you make a call all

182

00:05:47,189 --> 00:05:45,919

right let me know i'll make a call