



1
00:00:38,020 --> 00:00:36,070
we always get these questions when you

2
00:00:39,400 --> 00:00:38,030
go speak to schools you know what what

3
00:00:41,410 --> 00:00:39,410
woody how do you live in space how do

4
00:00:42,790 --> 00:00:41,420
you sleep how do you eat and the most

5
00:00:45,430 --> 00:00:42,800
popular question of all time guess what

6
00:00:46,720 --> 00:00:45,440
it is probably how to go how do you go

7
00:00:49,180 --> 00:00:46,730
to the bathroom in space we're gonna

8
00:00:52,240 --> 00:00:49,190
find that out today here with with Scott

9
00:00:54,820 --> 00:00:52,250
is gonna tell us okay okay that's all we

10
00:00:56,290 --> 00:00:54,830
do I explain what that is yeah you guys

11
00:00:57,460 --> 00:00:56,300
have you if you don't mind well there

12
00:01:00,400 --> 00:00:57,470
hopefully when I explain to practice

13
00:01:02,799 --> 00:01:00,410

part of this yes there's the real we

14

00:01:04,389 --> 00:01:02,809

have the real right toilet and then we

15

00:01:05,980 --> 00:01:04,399

have the practice toilet we have the

16

00:01:07,120 --> 00:01:05,990

practice Scott what you're gonna get to

17

00:01:08,770 --> 00:01:07,130

that or you get it what are you gonna do

18

00:01:10,180 --> 00:01:08,780

just not always well that would normally

19

00:01:11,290 --> 00:01:10,190

Skibbe during the refresher but if you

20

00:01:12,580 --> 00:01:11,300

want to cover you have to cover it

21

00:01:14,590 --> 00:01:12,590

that's covered you wanna cover now do

22

00:01:16,180 --> 00:01:14,600

you want to doing that by god you're now

23

00:01:20,230 --> 00:01:16,190

so quickly based on what you just said

24

00:01:22,270 --> 00:01:20,240

right because that is our functional

25

00:01:23,499 --> 00:01:22,280

trainer that one can be used one over

26

00:01:24,609 --> 00:01:23,509

here that's right that's where we're

27

00:01:26,499 --> 00:01:24,619

going to spend most of our time because

28

00:01:28,990 --> 00:01:26,509

that one can be used you guys are going

29

00:01:30,670 --> 00:01:29,000

to use that we could you could use it

30

00:01:33,850 --> 00:01:30,680

before I could use it today so you know

31

00:01:35,080 --> 00:01:33,860

no no no no do it in this one I want to

32

00:01:36,550 --> 00:01:35,090

be upset no you don't want to do it in

33

00:01:38,380 --> 00:01:36,560

that one because why this is our

34

00:01:40,330 --> 00:01:38,390

positional trainer so you can see

35

00:01:42,160 --> 00:01:40,340

there's a TV monitor here TV monitor

36

00:01:43,240 --> 00:01:42,170

there there's a camera inside the hole

37

00:01:44,620 --> 00:01:43,250

that's correct

38

00:01:47,260 --> 00:01:44,630

you'll notice the hole here is four

39

00:01:49,890 --> 00:01:47,270

inches the hole is 4 inches whereas a

40

00:01:51,360 --> 00:01:49,900

normal toilet see this more

41

00:01:58,850 --> 00:01:51,370

what's ignore one you mean like the one

42

00:02:03,720 --> 00:02:01,500

alignment is important right so the

43

00:02:05,640 --> 00:02:03,730

benefit of this is if they're not

44

00:02:08,520 --> 00:02:05,650

confident that they have good alignment

45

00:02:10,230 --> 00:02:08,530

they can come turn on the camera rather

46

00:02:12,210 --> 00:02:10,240

they can turn the camera off find their

47

00:02:15,510 --> 00:02:12,220

alignment on the seat right flip the

48

00:02:16,530 --> 00:02:15,520

camera on and see if they can see over

49

00:02:18,450 --> 00:02:16,540

here I guess you're right in them and

50

00:02:20,160 --> 00:02:18,460

you can sit down on that thing and look

51
00:02:21,420 --> 00:02:20,170
over here and check your alignment now

52
00:02:23,220 --> 00:02:21,430
this is what did you say this is like

53
00:02:25,020 --> 00:02:23,230
the deepest darkest secret about Space

54
00:02:27,450 --> 00:02:25,030
Flight you always ask you about your

55
00:02:28,710 --> 00:02:27,460
UFOs and nails we got nothing formed but

56
00:02:30,720 --> 00:02:28,720
they don't know about this that we

57
00:02:32,910 --> 00:02:30,730
actually have a what's the official

58
00:02:34,800 --> 00:02:32,920
title for them guys positioning

59
00:02:36,870 --> 00:02:34,810
positioning trainer and now you're gonna

60
00:02:38,310 --> 00:02:36,880
go over the high fidelity trainer right

61
00:02:39,600 --> 00:02:38,320
by and large especially with more

62
00:02:41,010 --> 00:02:39,610
experienced crews they've been there

63
00:02:43,050 --> 00:02:41,020

done it they just write refresher on how

64

00:02:45,690 --> 00:02:43,060

to yeah here we go

65

00:02:51,480 --> 00:02:45,700

active Anna where their foot toes

66

00:02:53,250 --> 00:02:51,490

straight down and locked so so this is

67

00:02:55,350 --> 00:02:53,260

just support your feet while you're

68

00:02:58,410 --> 00:02:55,360

sitting on the on the potty

69

00:03:00,120 --> 00:02:58,420

all right yeah be a pre tried support

70

00:03:01,860 --> 00:03:00,130

your feet I want to use the commode you

71

00:03:03,030 --> 00:03:01,870

can put your feet or the toe restraints

72

00:03:05,010 --> 00:03:03,040

down at the bottom if you're just

73

00:03:07,290 --> 00:03:05,020

floating there and bright rise your

74

00:03:11,120 --> 00:03:07,300

vacuum valve open here we go

75

00:03:13,680 --> 00:03:11,130

all right pretty sounds good

76

00:03:16,199 --> 00:03:13,690

unstow urinal hose and velcro strap

77

00:03:17,610 --> 00:03:16,209

install hose and cradle okay so so far

78

00:03:19,590 --> 00:03:17,620

we talked about your positioning a that

79

00:03:21,060 --> 00:03:19,600

was for number two are you going on when

80

00:03:22,650 --> 00:03:21,070

you go number one well that's if they

81

00:03:24,780 --> 00:03:22,660

have that yeah that holds you yeah but

82

00:03:26,670 --> 00:03:24,790

you'll have this toe strap the toe sure

83

00:03:28,770 --> 00:03:26,680

that's gonna hold you while you're using

84

00:03:30,600 --> 00:03:28,780

where you going number one into the

85

00:03:32,100 --> 00:03:30,610

holes sounds solid waste and liquid

86

00:03:34,530 --> 00:03:32,110

waste go to different place that cradles

87

00:03:38,460 --> 00:03:34,540

and autos check mode is off check motors

88

00:03:42,080 --> 00:03:38,470

or that fan step select switch to one

89

00:03:44,970 --> 00:03:42,090

yeah one there it goes

90

00:03:48,080 --> 00:03:44,980

pressing come on hon slow Hostin cradle

91

00:04:06,810 --> 00:03:49,640

good

92

00:04:15,750 --> 00:04:14,080

and then they put a baggie in there all

93

00:04:18,070 --> 00:04:15,760

right

94

00:04:19,540 --> 00:04:18,080

vehicle sucked to the ponies so that

95

00:04:23,110 --> 00:04:19,550

whatever you throw in here sort of gets

96

00:04:23,710 --> 00:04:23,120

sucked down and I know yeah totally

97

00:04:26,500 --> 00:04:23,720

hydrophilic

98

00:04:29,140 --> 00:04:26,510

yeah and we put that bag and that's

99

00:04:30,880 --> 00:04:29,150

where your toilet paper is gonna you

100

00:04:33,310 --> 00:04:30,890

know what hand wipes and my truck you

101
00:04:35,830 --> 00:04:33,320
open any paper in the bowl the only

102
00:04:38,980 --> 00:04:35,840
solid waste in a bowl and all your paper

103
00:04:40,420 --> 00:04:38,990
and hand wipe stuff goes in there man

104
00:04:44,470 --> 00:04:40,430
you when you're done you tie it up throw

105
00:04:48,310 --> 00:04:46,390
Steve already pointed it out you guys

106
00:04:50,290 --> 00:04:48,320
are flying all male funnels yes but

107
00:04:52,600 --> 00:04:50,300
because they're all guys for the sake of

108
00:04:54,580 --> 00:04:52,610
observation here male funnels don't have

109
00:04:57,160 --> 00:04:54,590
any venting Steve already mentioned the

110
00:04:59,260 --> 00:04:57,170
whole unit works on air female crew

111
00:05:02,380 --> 00:04:59,270
members have three choices for their

112
00:05:05,140 --> 00:05:02,390
Anatomy based funnel choices and they're

113
00:05:07,540 --> 00:05:05,150

all vented the difference is for women

114

00:05:10,510 --> 00:05:07,550

we want their Anatomy against the funnel

115

00:05:12,940 --> 00:05:10,520

but we still need the airflow for men we

116

00:05:16,270 --> 00:05:12,950

do not want them docking to the funnel

117

00:05:17,620 --> 00:05:16,280

to that end also if you're urinating and

118

00:05:19,450 --> 00:05:17,630

the funnels filling with water you need

119

00:05:22,120 --> 00:05:19,460

to slow down we don't want to flood the

120

00:05:23,560 --> 00:05:22,130

fan separator do you guys use did you

121

00:05:25,480 --> 00:05:23,570

guys use the high restraints at all or

122

00:05:29,200 --> 00:05:25,490

just just wedge yourself in here nice to

123

00:05:31,150 --> 00:05:29,210

my hand on the roof all right these are

124

00:05:32,230 --> 00:05:31,160

these are thyristors they were helpful

125

00:05:34,440 --> 00:05:32,240

for getting in and out

126

00:05:37,330 --> 00:05:34,450

actually that's handles just as handles

127

00:05:37,800 --> 00:05:37,340

you really didn't use them you didn't

128

00:05:40,780 --> 00:05:37,810

use it

129

00:05:43,030 --> 00:05:40,790

just use the roof but I use the thigh I

130

00:05:45,040 --> 00:05:43,040

think I use the thyristors I use a sit

131

00:05:46,990 --> 00:05:45,050

one powerful all right scooch yep

132

00:05:51,070 --> 00:05:47,000

yeah that's right you know I I you know

133

00:05:53,620 --> 00:05:51,080

I think I think of Peter Fonda in Easy

134

00:05:54,850 --> 00:05:53,630

Rider riding a chopper that's all I was

135

00:05:58,960 --> 00:05:54,860

riding a chopper and that's the right

136

00:06:00,580 --> 00:05:58,970

position for me I would have pushed too

137

00:06:02,530 --> 00:06:00,590

late now

138

00:06:04,719 --> 00:06:02,540

and that's the benefit of opportunity

139

00:06:06,700 --> 00:06:04,729

and it didn't turn out marvelous and now

140

00:06:08,469 --> 00:06:06,710

smell it that's the benefit of the

141

00:06:09,820 --> 00:06:08,479

mirrors if you don't if you can't tell

142

00:06:10,990 --> 00:06:09,830

if something's attached to you you can

143

00:06:13,690 --> 00:06:11,000

look in my mirror

144

00:06:15,490 --> 00:06:13,700

but if this breaks vol G where your

145

00:06:16,870 --> 00:06:15,500

spare owner bacterial filter are you

146

00:06:18,400 --> 00:06:16,880

know it's underneath your at the locker

147

00:06:22,480 --> 00:06:18,410

so you have to remove lockers to get to

148

00:06:24,130 --> 00:06:22,490

these things you buy adult diapers those

149

00:06:25,240 --> 00:06:24,140

are standard complement it technically

150

00:06:26,650 --> 00:06:25,250

they're for women but since you don't

151
00:06:28,540 --> 00:06:26,660
have any on your fight feel free to use

152
00:06:32,980 --> 00:06:28,550
them if you have to this is an Apollo

153
00:06:38,530 --> 00:06:32,990
fecal bag and you have a finger cut for

154
00:06:42,400 --> 00:06:38,540
wiping it is a an adhesive attachment

155
00:06:45,760 --> 00:06:42,410
I got Fanta get some of the DC back on

156
00:06:47,590 --> 00:06:45,770
that thing I could make that book okay

157
00:06:51,330 --> 00:06:47,600
any questions you guys have done an art

158
00:06:53,860 --> 00:06:51,340
for so simple reminders keep it clean

159
00:06:56,200 --> 00:06:53,870
alignments your friend solid waste in

160
00:06:59,260 --> 00:06:56,210
the commode urine goes down the tube

161
00:07:01,330 --> 00:06:59,270
nothing else if you want to come over

162
00:07:03,010 --> 00:07:01,340
here the reminders on the wall we do

163
00:07:04,210 --> 00:07:03,020

leave this in a configuration especially

164

00:07:05,500 --> 00:07:04,220

once you're in quarantine that all you

165

00:07:07,000 --> 00:07:05,510

have to do is come over and turn on the

166

00:07:10,360 --> 00:07:07,010

fan set what you would do because you're

167

00:07:11,770 --> 00:07:10,370

following the procedures part there is

168

00:07:13,300 --> 00:07:11,780

the chance for it to be out of config

169

00:07:15,460 --> 00:07:13,310

that this is a very popular room with

170

00:07:18,310 --> 00:07:15,470

tours so I usually start the class with

171

00:07:19,840 --> 00:07:18,320

is that door has a deadbolt it has a

172

00:07:21,640 --> 00:07:19,850

cipher lock it has a sign that says

173

00:07:23,830 --> 00:07:21,650

training in progress and they ignore it

174

00:07:25,120 --> 00:07:23,840

every time so if you want to come in

175

00:07:26,350 --> 00:07:25,130

here even if you're just doing a civic

176

00:07:28,870 --> 00:07:26,360

store and you're running here to use

177

00:07:31,820 --> 00:07:28,880

this toilet use the deadbolt or you want