



1
00:00:06,420 --> 00:00:08,220
>>> GOOD MORNING.

2
00:00:08,220 --> 00:00:17,720
I'M FROM THE HUMAN DIRECTORY AND
IT'S MY PLEASURE TO WELCOME YOU

3
00:00:17,720 --> 00:00:22,000
THIS MORNING TO THIS
PRESENTATION BY ASTRONAUT REID

4
00:00:22,000 --> 00:00:27,540
WISEMAN.

5
00:00:27,540 --> 00:00:32,220
>> WE'RE DELIGHTED TO HAVE YOU
THIS MORNING AND OUR FUTURE

6
00:00:32,220 --> 00:00:33,220
ASTRONAUTS.

7
00:00:33,220 --> 00:00:37,519
LET'S GIVE THEM A HAND.

8
00:00:37,519 --> 00:00:41,130
THANK YOU SO MUCH FOR BEING
HERE.

9
00:00:41,130 --> 00:00:44,309
ASTRONAUT REID WISEMAN CALLED ME
TONTTO.

10
00:00:44,309 --> 00:00:49,960
I THOUGHT THAT WAS INTERESTING.

11
00:00:49,960 --> 00:00:54,610
ANY OF YOU KNOW WHAT THAT MEANS?

12

00:00:54,610 --> 00:00:58,460
HE WAS COMPANION OF THE LONG
RANGER.

13
00:00:58,460 --> 00:01:00,910
TONTO.

14
00:01:00,910 --> 00:01:05,510
BUT REID IS AN AMERICAN
ASTRONAUT, ENGINEER AND NAVAL

15
00:01:05,510 --> 00:01:07,460
NAVIGATOR.

16
00:01:07,460 --> 00:01:18,010
HE WAS SELECTED IN 2009 FROM ONE
OF NINE APPLICANTS FROM 3,900.

17
00:01:18,010 --> 00:01:22,460
AT THE TIME, HE WAS SERVING AS A
LIEUTENANT COMMANDER IN THE U.S.

18
00:01:22,460 --> 00:01:23,460
NAVY.

19
00:01:23,460 --> 00:01:33,369
FLYING AS A PILOT OF FLIGHT
SQUADRANT 103.

20
00:01:33,369 --> 00:01:38,280
ASTRONAUT WISEMAN SAID HE OFTEN
WENT TO U.S. BLUE ANGELS AS A

21
00:01:38,280 --> 00:01:42,320
YOUTH AND HE DEVELOPED A DESIRE
TO BECOME AN ASTRONAUT WHEN HE

22
00:01:42,320 --> 00:01:45,950
SAW THE SPACE SHUTTLE IN PERSON
IN 2001.

23

00:01:45,950 --> 00:01:49,210

I THOUGHT THAT WASN'T TOO LONG
AGO, 2001.

24

00:01:49,210 --> 00:01:52,499

WHEN YOU SEE HIM YOU'LL SEE THAT
WASN'T TOO LONG AGO.

25

00:01:52,499 --> 00:01:56,979

HE TOOK PART OF IN HIS FIRST
SPACE FLIGHT AS PART OF

26

00:01:56,979 --> 00:02:02,490

EXPEDITION 41 ON THE
INTERNATIONAL SPACE STATION.

27

00:02:02,490 --> 00:02:08,330

THE MISSION WAS SIX MONTHS AND
LASTED FROM MAY†28TH TO

28

00:02:08,330 --> 00:02:11,680

NOVEMBER†10, 2014.

29

00:02:11,680 --> 00:02:17,830

HE IS A GRADUATE OF DELANEY HIGH
SCHOOL IN THE SUBURBS OF

30

00:02:17,830 --> 00:02:19,180

MARYLAND.

31

00:02:19,180 --> 00:02:20,730

HE'S FROM BALTIMORE.

32

00:02:20,730 --> 00:02:23,269

YEA BALTIMORE FOR HIM.

33

00:02:23,269 --> 00:02:31,770

HE EARNED A DEGREE FROM THE

INSTITUTE AND MASTERS FROM JOHN

34

00:02:31,770 --> 00:02:35,380
HOPKINS IN 2006.

35

00:02:35,380 --> 00:02:39,940
HE IS MARRIED AND EVEN AS YOUNG
AS HE LOOKS HE HAS TWO CHILDREN,

36

00:02:39,940 --> 00:02:42,159
TWO DAUGHTERS.

37

00:02:42,159 --> 00:02:45,640
COLLEAGUES PLEASE JOIN ME IN
WELCOMING TO THE PODIUM

38

00:02:45,640 --> 00:02:49,560
ASTRONAUT REID WISEMAN WHO WILL
SHARE HIS EXPERIENCE.

39

00:02:49,560 --> 00:02:52,459
LET GIVE HIM A HAPPENED.

40

00:02:52,459 --> 00:02:53,610
-- A HAND.

41

00:02:53,610 --> 00:02:57,301
[APPLAUSE]
>> I FEEL LIKE I'M IN A CAFE.

42

00:02:57,301 --> 00:02:58,301
I LIKE THIS SETTING.

43

00:02:58,301 --> 00:03:02,060
THIS IS NICE.

44

00:03:02,060 --> 00:03:03,720
I GREW UP IN BALTIMORE.

45

00:03:03,720 --> 00:03:06,200

I WAS THERE A FEW DAYS AGO.

46

00:03:06,200 --> 00:03:07,200

IT'S HOT.

47

00:03:07,200 --> 00:03:12,120

IT'S HOTTER HERE I THINK THAN
HOUSTON THOUGH.

48

00:03:12,120 --> 00:03:14,099

LET'S JUMP THROUGH THIS SLIDE
DECK.

49

00:03:14,099 --> 00:03:18,980

WE'LL TAKE A LITTLE LOOK OF LIFE
IN SPACE AND FOR THE KIDS MAYBE

50

00:03:18,980 --> 00:03:22,140

YOU CAN FEEL LIKE YOU'RE
FLOATING THERE WITH ME A LITTLE

51

00:03:22,140 --> 00:03:23,140

BIT IN THIS.

52

00:03:23,140 --> 00:03:25,250

THAT'S THE IMPRESSION I WANT TO
GIVE WHEN I GET THROUGH THIS.

53

00:03:25,250 --> 00:03:30,860

I DON'T KNOW IF THIS IS GOING TO
LOOK.

54

00:03:30,860 --> 00:03:35,530

THERE WE GO.

55

00:03:35,530 --> 00:03:39,140

SEE IF YOU CAN FIND SOME
THUNDERSTORMS, EDGE OF THE

56
00:03:39,140 --> 00:03:40,140
EARTH.

57
00:03:40,140 --> 00:03:41,400
GREAT THUNDERSTORMS THERE.

58
00:03:41,400 --> 00:03:43,790
I THINK I'LL PAN THE CAMERA
STRAIGHT DOWN ON THE NEXT ONE.

59
00:03:43,790 --> 00:03:46,549
YOU CAN SEE LIGHTNING CREEPING
AND CRAWLING ITS WAY THROUGH THE

60
00:03:46,549 --> 00:03:48,950
CROWDS.

61
00:03:48,950 --> 00:03:50,750
WE'RE NOT FLYING QUIET THAT
FAST.

62
00:03:50,750 --> 00:03:54,510
THIS IS ALL OF AFRICA.

63
00:03:54,510 --> 00:03:56,099
YOU CAN SEE THE CRISP CONTRAST.

64
00:03:56,099 --> 00:03:59,090
THIS IS THE BAHAMAS.

65
00:03:59,090 --> 00:04:01,439
BEAUTIFUL LOOK.

66
00:04:01,439 --> 00:04:02,760
THEN THE AURORA.

67
00:04:02,760 --> 00:04:04,950

YOU CAN NEVER GET TIRED OF
LOOKING AT THE AURORA UP THERE.

68

00:04:04,950 --> 00:04:08,569
WE HAVE FASCINATING AURORA.

69

00:04:08,569 --> 00:04:09,870
THAT'S THE EARTH LOOKING
NORTHEAST.

70

00:04:09,870 --> 00:04:15,370
YOU CAN SEE THE AURORA WAY UP TO
THE NORTH AND THAT'S A MOONLIT

71

00:04:15,370 --> 00:04:24,950
NIGHT JUST OVER THE HORIZON, I
THOUGHT IT WAS COOL TO SEE A

72

00:04:24,950 --> 00:04:29,910
REIGN HORIZON.

73

00:04:29,910 --> 00:04:43,210
IT'S FUN TO LOOK AT THAT.

74

00:04:43,210 --> 00:04:45,520
I FOUND THIS NUMBER ON THE
INTERNET, I THINK IT WAS 535.

75

00:04:45,520 --> 00:04:47,270
WE'RE UP TO 538.

76

00:04:47,270 --> 00:04:50,730
THAT'S THE NUMBER OF PEOPLE
THAT'S BEEN IN LOWER ORBIT AND

77

00:04:50,730 --> 00:04:51,730
BEYOND.

78

00:04:51,730 --> 00:04:55,350

THIS INCLUDES ALL THE MOON
WALKERS.

79

00:04:55,350 --> 00:04:58,740

IT SEEMED LIKE A LOT OF FOLKS.

80

00:04:58,740 --> 00:05:05,390

IN MY TRAINING I USE TO FLY FROM
HOUSTON OVER TO FRANKFORT AND

81

00:05:05,390 --> 00:05:07,700

IT'S A DOUBLE DECKER BIG
AIRPLANE.

82

00:05:07,700 --> 00:05:09,600

THIS IS HOW MANY PEOPLE SET IN
COACH.

83

00:05:09,600 --> 00:05:12,750

IF YOU THINK ABOUT IT, WE
HAVEN'T SENT ALL THAT MANY

84

00:05:12,750 --> 00:05:14,870

PEOPLE INTO SPACE.

85

00:05:14,870 --> 00:05:17,000

IT STILL IS EXTREMELY SPECIAL.

86

00:05:17,000 --> 00:05:18,400

WE'RE DOING A LOT OF GREAT WORK
UP THERE.

87

00:05:18,400 --> 00:05:22,340

JUST HAVING THE HUMAN
PERSPECTIVE IS UNIQUE AND WE

88

00:05:22,340 --> 00:05:30,990

ENJOY IT.

89

00:05:30,990 --> 00:05:34,640
WE HAVE PEOPLE FROM CANADA, U.S.
AND JAPAN ALL MEMBERS OF OUR

90
00:05:34,640 --> 00:05:35,640
CLASS.

91
00:05:35,640 --> 00:05:39,180
WE HAVE 14 TOTAL.

92
00:05:39,180 --> 00:05:43,160
IF YOU GO THROUGH HERE, WE HAVE
MEDICAL DOCTORS, I'M GOING TO

93
00:05:43,160 --> 00:05:44,160
LOOK AT IT AS WE GO.

94
00:05:44,160 --> 00:05:50,320
WE HAVE 757 PILOTS, JAPANESE
DIVING MEDICAL OFFICER, F-15

95
00:05:50,320 --> 00:05:55,640
PILOT, TRAUMA SURGEON.

96
00:05:55,640 --> 00:05:56,640
AMERICAN SURGEON.

97
00:05:56,640 --> 00:05:58,160
EBOLA RESEARCHER.

98
00:05:58,160 --> 00:06:03,500
THE BLOND THERE WAS DOING EBOLA
RESEARCH IN THE CONDO WHEN SHE

99
00:06:03,500 --> 00:06:04,630
GOT PICKED UP.

100
00:06:04,630 --> 00:06:07,220
GINETTA HAS WORKED A LOT OF

CRAZY PLACES.

101

00:06:07,220 --> 00:06:10,950

CIA WAS THE LAST PLACE, I THINK.

102

00:06:10,950 --> 00:06:15,220

I DON'T THINK SHE'LL ADMIT.

103

00:06:15,220 --> 00:06:18,400

DOWN IN THE FRONT ROW WE HAVE A
COUPLE OF PILOTS.

104

00:06:18,400 --> 00:06:26,670

THE GUY ON THE LOWER RIGHT IS AN
ARMY ENGINEER.

105

00:06:26,670 --> 00:06:29,410

THE THING I LOVE ABOUT MY CLASS
IS EVERYBODY COMES FROM THE

106

00:06:29,410 --> 00:06:31,410

OPERATIONAL BACKGROUND.

107

00:06:31,410 --> 00:06:33,980

WHEN NASA LOOKS TO HIRE
ASTRONAUTS IN, THE THING THEY

108

00:06:33,980 --> 00:06:41,340

DON'T WANT TO TEACH US IS
OPERATIONAL UP BRINGING.

109

00:06:41,340 --> 00:06:43,620

EACH ONE OF US WAS PASSIONATE
ABOUT OUR JOBS BEFORE WE GOT TO

110

00:06:43,620 --> 00:06:49,180

NASA AND WE ALL HAD THE
OPERATIONAL TRAINING IN OUR

111

00:06:49,180 --> 00:06:50,180

BACKGROUNDS.

112

00:06:50,180 --> 00:06:55,250

ABOUT TRAINING, WHAT IT TAKES TO
GET INTO SPACE, ONE OF THE COOL

113

00:06:55,250 --> 00:06:59,890

THINGS YOU DO IN AN EMERGENCY
YOU CAN LAND ANYWHERE ON OUR

114

00:06:59,890 --> 00:07:00,890

PLANET.

115

00:07:00,890 --> 00:07:03,310

WE HAD TO DO WATER SURVIVAL,
HERE WE'RE DOING WINTER

116

00:07:03,310 --> 00:07:04,310

SURVIVAL.

117

00:07:04,310 --> 00:07:05,310

YOU CAN SEE WE BUILT THE T.P.

118

00:07:05,310 --> 00:07:09,090

USING THE PARACHUTE FROM THE
SPACECRAFT.

119

00:07:09,090 --> 00:07:21,640

THE ONLY THING WE
HAVE IS STUFF

120

00:07:21,640 --> 00:07:23,460

YOU WOULD FIND.

121

00:07:23,460 --> 00:07:31,020

WE HAVE CHICK LETS, A COUPLE OF
CRACKERS, CANDY, WATER AND THEN

122

00:07:31,020 --> 00:07:40,830
THIS TENT THAT WE BUILT FOR
OURSELVES.

123
00:07:40,830 --> 00:07:42,980
AT THE END WE WERE BEST FRIENDS.

124
00:07:42,980 --> 00:07:45,190
YOU CAN'T LIVE MINUS 30 DEGREES.

125
00:07:45,190 --> 00:07:51,210
OF COURSE, WE GOT TRAINED FOR
SPACE WALKS.

126
00:07:51,210 --> 00:07:53,490
EVERY ASTRONAUT WANTS TO GET THE
CHANCE TO DO A SPACE WALK.

127
00:07:53,490 --> 00:07:55,790
WE DIDN'T KNOW WE WERE GOING TO
DO ONE.

128
00:07:55,790 --> 00:07:59,250
YOU CAN SEE THERE THE THICKNESS.

129
00:07:59,250 --> 00:08:06,660
MY PANTS ARE BIG MY LEFT HAND IS
HOLING THE UPPER TORSO UNIT WE

130
00:08:06,660 --> 00:08:09,490
HAVE TO CRAWL INTO TO GET INTO
SPACE.

131
00:08:09,490 --> 00:08:13,120
THERE YOU CAN SEE THE GLOVES
LAYING ON THE DESK.

132
00:08:13,120 --> 00:08:14,120
WE GO IN THE POOL.

133

00:08:14,120 --> 00:08:16,410

WE HAVE A HUGE POOL IN HOUSTON.

134

00:08:16,410 --> 00:08:18,300

IT'S 40↑FOOT DEEP.

135

00:08:18,300 --> 00:08:20,810

THAT'S A SPACE SUIT I'M WEARING
IN THE PICTURE.

136

00:08:20,810 --> 00:08:25,930

I'M GOING TO SPEND SIX HOURS
UNDER WATER.

137

00:08:25,930 --> 00:08:28,850

THAT SUIT IS QUALIFIED.

138

00:08:28,850 --> 00:08:32,720

WE DEFLATE THEM AND WEAR THEM IN
THE POOL.

139

00:08:32,720 --> 00:08:35,769

THAT'S EXACTLY WHAT WE WOULD
WEAR IN SPACE.

140

00:08:35,769 --> 00:08:41,750

THAT'S THE BEST TRAINING I GOT
WAS WORKING IN THE NEUTRAL LAB.

141

00:08:41,750 --> 00:08:42,979

WE HAVE NO DOCTORS UP THERE.

142

00:08:42,979 --> 00:08:47,800

IF SOMEBODY GETS SICK LIKE THE
POOR SPECIMEN WHO DOESN'T HAVE

143

00:08:47,800 --> 00:08:54,920

LEGS THERE, WE SPENT A LOT OF
TIME FIXING THEM.

144

00:08:54,920 --> 00:08:58,649

YOU CAN SEE MYSELF AND ALEX
WORKING ON THAT TRYING TO

145

00:08:58,649 --> 00:08:59,649

RESUSCITATE HIM.

146

00:08:59,649 --> 00:09:00,649

WE DIDN'T DO IT.

147

00:09:00,649 --> 00:09:03,839

HE DIDN'T COME BACK TO LIFE.

148

00:09:03,839 --> 00:09:04,839

I LOVE THIS PICTURE.

149

00:09:04,839 --> 00:09:08,360

THIS IS IN A RUSSIAN VACUUM
CHAMBER AND PART OF THE TRAINING

150

00:09:08,360 --> 00:09:11,990

IS GAINING CONFIDENCE THAT THESE
SYSTEMS WILL WORK WHEN YOU'RE IN

151

00:09:11,990 --> 00:09:14,350

THE ENVIRONMENT OF SPACE.

152

00:09:14,350 --> 00:09:16,770

SO RIGHT NOW, THERE'S NO AIR
BEHIND THAT DOOR.

153

00:09:16,770 --> 00:09:19,750

THAT'S JUST ME SITTING THERE IN
A TOTAL VACUUM.

154

00:09:19,750 --> 00:09:26,779

AS TOTAL AS WE CAN GET ON THERE.

155

00:09:26,779 --> 00:09:36,089

I SET IN THERE TWO HOURS AND
ENJOYED THE PEACE AND QUIET.

156

00:09:36,089 --> 00:09:38,209

OVER TWO HOURS YOU GET REAL
CONFIDENT AND YOU START TO

157

00:09:38,209 --> 00:09:40,790

UNDERSTAND THIS SUIT REALLY
WORKS AND IT WILL SAVE MY LIFE

158

00:09:40,790 --> 00:09:43,350

IF I NEED IT TO.

159

00:09:43,350 --> 00:09:45,970

THAT'S THE SUIT I WORE UP AND
DOWNHILL.

160

00:09:45,970 --> 00:09:47,250

GREAT CONFIDENCE BUILDER.

161

00:09:47,250 --> 00:09:52,000

THEN WE HAVE TO LEARN HOW TO BE
OUR OWN RESEARCHERS.

162

00:09:52,000 --> 00:10:00,170

HERE WE LOOKED AT ALL MY HEART
VALVES AND ARTERIES.

163

00:10:00,170 --> 00:10:02,069

THERE IS ONE OF THE RESEARCHERS
THERE, ONE OF THE TRAINERS

164

00:10:02,069 --> 00:10:05,430

SHOWING ME, TEACHING ME WHAT I'M
LOOKING AT AND THEN I WOULD HAVE

165

00:10:05,430 --> 00:10:09,160

TO TAKE THIS KNOWLEDGE AND PUT
IT UP IN THE SPACE STATION UP

166
00:10:09,160 --> 00:10:10,160
THERE.

167
00:10:10,160 --> 00:10:11,810
YOU HEAR TMI, TOO MUCH
INFORMATION.

168
00:10:11,810 --> 00:10:16,019
YOU HOLD AN ULTRASOUND UP TO
YOUR HEART AND YOUR BRAIN

169
00:10:16,019 --> 00:10:17,449
DOESN'T UNDERSTAND.

170
00:10:17,449 --> 00:10:56,220
IT'S WAY TOO MUCH INFORMATION.

171
00:10:56,220 --> 00:11:01,389
IT'S COOL.

172
00:11:01,389 --> 00:11:05,721
REMEMBER THE PICTURE AT THE
BEGINNING I SHOWED YOU, THIS IS

173
00:11:05,721 --> 00:11:11,220
OUR FIRST EXPERIENCE FLOATING.

174
00:11:11,220 --> 00:11:12,379
WE HAD A TERRIBLE TIME.

175
00:11:12,379 --> 00:11:16,089
THAT WAS A GREAT DAY.

176
00:11:16,089 --> 00:11:19,440
WE GET ABOUT 20 SECONDS OF
WEIGHTLESSNESS.

177

00:11:19,440 --> 00:11:22,829
20 SECONDS FLOATING.

178

00:11:22,829 --> 00:11:28,130
TOWARDS THE END OF IT, THEY GIVE
YOU YOUR KEYS TO THE ROCKET.

179

00:11:28,130 --> 00:11:31,699
THIS IS MY CREW IN FRONT OF THE
SPACECRAFT.

180

00:11:31,699 --> 00:11:33,100
YOU CAN SEE IT'S A LOT OF POWER.

181

00:11:33,100 --> 00:11:39,779
AN AWFUL LOT OF POWER.

182

00:11:39,779 --> 00:11:43,920
IT REALLY WARMED MY HEART.

183

00:11:43,920 --> 00:11:45,890
THERE IT IS HEADING TO THE PAD.

184

00:11:45,890 --> 00:11:49,740
SUN JUST BARELY RISING AND
HELICOPTER PROVIDING SUPPORT.

185

00:11:49,740 --> 00:11:53,699
I THINK IT'S A BEAUTIFUL
PICTURE.

186

00:11:53,699 --> 00:11:54,699
ALL RIGHT.

187

00:11:54,699 --> 00:11:56,860
SO ON THE LEFT THERE YOU HAVE
ALEX.

188

00:11:56,860 --> 00:12:01,769

HE'S A GERMAN, P.H.D.

189

00:12:01,769 --> 00:12:04,439

AND

EXTREMELY SMART HUMAN BEING.

190

00:12:04,439 --> 00:12:07,139

AFTER SPENDING SOME TIME WITH
ALEX I UNDERSTAND WHY YOU WANT

191

00:12:07,139 --> 00:12:09,360

TO GO BUY A BMW OR MERCEDES.

192

00:12:09,360 --> 00:12:16,810

WHEN YOU FLY INTO SPACE, YOU
NEED SOMETIMES, YOU NEED

193

00:12:16,810 --> 00:12:19,059

SOMEBODY SERIOUS WHO IS
EXTREMELY GIFTED AND

194

00:12:19,059 --> 00:12:20,059

INTELLIGENT.

195

00:12:20,059 --> 00:12:21,579

THAT WAS OUR GUY ON OUR CREW.

196

00:12:21,579 --> 00:12:22,899

ALEX IS A BOOK OF KNOWLEDGE.

197

00:12:22,899 --> 00:12:25,410

HE KNOWS EVERYTHING ABOUT
EVERYTHING.

198

00:12:25,410 --> 00:12:29,320

IN THE CENTER IS MAX, HE'S A
RUSSIAN, COMMANDER OF OUR SOIL

199

00:12:29,320 --> 00:12:30,829

USE, HE'S A GREAT GUY.

200

00:12:30,829 --> 00:12:33,760

WE ALWAYS SAID WE WERE BROTHERS
FROM ANOTHER MOTHER.

201

00:12:33,760 --> 00:12:35,069

TWO PEAS IN A POD.

202

00:12:35,069 --> 00:12:38,069

HE'S A RUSSIAN FIGHTER PILOT.

203

00:12:38,069 --> 00:12:41,199

WHEN I JOINED THE NAVY HE WAS
OUR ENEMY.

204

00:12:41,199 --> 00:12:42,740

HERE I AM FLYING INTO SPACE WITH
HIM.

205

00:12:42,740 --> 00:12:44,870

I'M NOT SURE WE'LL SEE IT ON THE
SCREEN.

206

00:12:44,870 --> 00:12:49,949

WE HAVE TO POINT OUT THERE'S A
PINK BAND-AID ON MY FINGER.

207

00:12:49,949 --> 00:12:53,430

IT'S A HELLO KITTY BAND-AID.

208

00:12:53,430 --> 00:12:57,370

MY DAUGHTERS WERE WITH ME IN
RUSSIA.

209

00:12:57,370 --> 00:13:02,259

I WENT THROUGH MY RUSSIAN
WEARING HELLO KITTY.

210

00:13:02,259 --> 00:13:06,470

I DON'T THINK THE RUSSIANS CARED
FOR IT MUCH.

211

00:13:06,470 --> 00:13:09,149

LET'S GET OFF THE PLANET AND
INTO SPACE.

212

00:13:09,149 --> 00:13:11,360

A LOT ASK ME WHAT'S THE HARDEST
PART ABOUT FLYING INTO SPACE?

213

00:13:11,360 --> 00:13:13,079

TO ME, IT'S THIS PART RIGHT
HERE.

214

00:13:13,079 --> 00:13:20,069

SAYING GOOD-BYE TO YOUR KIDS IS
EXTREMELY DIFFICULT.

215

00:13:20,069 --> 00:13:25,029

THIS WAS THE HEAD OF THE RUSSIAN
SPACE AGENCY AT THE TIME AND HE

216

00:13:25,029 --> 00:13:26,490

SAID WE BUILT YOU A GREAT
ROCKET.

217

00:13:26,490 --> 00:13:28,059

IT'S GOING TO WORK SUPER.

218

00:13:28,059 --> 00:13:30,949

THAT'S WHAT HE NEEDED TO TELL US
AT THE TIME.

219

00:13:30,949 --> 00:13:35,970

WE WERE WALKING UP THE LADDER
AND NEEDED IN THE ELEVATOR, WE

220

00:13:35,970 --> 00:13:39,749

SIT IN THERE TWO OR THREE HOURS
AND IT'S TIME TO GO TO SPACE AND

221

00:13:39,749 --> 00:13:42,740

THE ENGINES START ROLLING ABOUT
10 SECONDS BEFORE LIFT OFF AND

222

00:13:42,740 --> 00:13:45,670

YOU CAN FEEL IT RUMBLING.

223

00:13:45,670 --> 00:13:48,759

IT'S NOT A BIG JOLT THERE.

224

00:13:48,759 --> 00:13:53,009

WE LAUNCH IN THE MIDDLE OF THE
NIGHT AND THERE'S MY FAMILY

225

00:13:53,009 --> 00:13:54,009

BEING LIT UP.

226

00:13:54,009 --> 00:13:58,490

THERE'S MY BROTHER, ONE OF MY
BEST FRIENDS.

227

00:13:58,490 --> 00:14:01,360

IT WAS REALLY, I WAS GLAD THEY
GOT THE WATCH.

228

00:14:01,360 --> 00:14:03,129

I WISH MY VIEW WAS BETTER.

229

00:14:03,129 --> 00:14:04,740

WE'RE COVERED IN A SLOUT.

230

00:14:04,740 --> 00:14:08,300

WE CAN'T SEE OUTSIDE.

231

00:14:08,300 --> 00:14:13,070
THREE STAGE ROCKET, IMAGINE THIS
FOR THE KIDS, IT'S CALM.

232
00:14:13,070 --> 00:14:14,610
IT'S LIKE DRIVING YOUR CAR DOWN
THE ROAD.

233
00:14:14,610 --> 00:14:18,110
YOU'RE IN A MORE UNCOMFORTABLE
CLOTHING.

234
00:14:18,110 --> 00:14:22,329
IT'S NINE AND A HALF MINUTES
FROM LIFT OFF TO SPACE.

235
00:14:22,329 --> 00:14:25,490
WE GO IN THE NINE AND A HALF
MINUTES FROM ZERO TO 17,000

236
00:14:25,490 --> 00:14:26,490
MILES AN HOUR.

237
00:14:26,490 --> 00:14:29,660
IF YOU CAN IMAGINE PARENTS
DRIVING YOU CRAZY.

238
00:14:29,660 --> 00:14:31,639
THAT'S WHAT IT'S LIKE.

239
00:14:31,639 --> 00:14:36,220
YOU GET UP TO FOUR OR FIVE TIMES
EARTH'S GRAVITY.

240
00:14:36,220 --> 00:14:37,829
HERE IS THE ENGINE CUT OFF.

241
00:14:37,829 --> 00:14:43,250
IT'S DYNAMIC WHEN THE ENGINE
STOPS.

242

00:14:43,250 --> 00:14:46,470

THIS IS GREAT BECAUSE YOU CAN
SEE RAW HUMAN EMOTION OF HAVING

243

00:14:46,470 --> 00:14:49,439

SURVIVED.

244

00:14:49,439 --> 00:14:50,439

LOOK AT MAX IN THE MID-.

245

00:14:50,439 --> 00:14:52,420

HE IS SO HAPPY TO BE ALIVE.

246

00:14:52,420 --> 00:14:56,861

THIS IS ONE OF MY DAUGHTER'S
TOYS FLOATING THERE AND WE HAD A

247

00:14:56,861 --> 00:14:59,050

GO PRO IN THE CABIN WITH US.

248

00:14:59,050 --> 00:15:02,249

THIS IS ABSOLUTELY THE FIRST
LOOKOUT SIDE.

249

00:15:02,249 --> 00:15:06,069

IT'S JUST AMAZING.

250

00:15:06,069 --> 00:15:10,310

IN MY TIME JUST BEING A SPACE
LOVER, I HAD LOOKED AT PICTURES

251

00:15:10,310 --> 00:15:14,630

AND VIDEO LIKE THIS SO MANY
TIMES I WAS REALLY WORRIED.

252

00:15:14,630 --> 00:15:17,240

WOULD IT BE LIKE THIS?

253

00:15:17,240 --> 00:15:20,670

WOULD IT KIND OF JUST BE THAT'S
PRETTY AWESOME.

254

00:15:20,670 --> 00:15:24,720

WHEN YOU LOOKOUT SIDE WITH YOUR
OWN EYES AND BRAIN AND YOU GET

255

00:15:24,720 --> 00:15:34,709

TO ASSEMBLE
THE PICTURE, THERE'S

256

00:15:34,709 --> 00:15:36,899

NO, IT'S ABSOLUTELY AMAZING.

257

00:15:36,899 --> 00:15:44,520

IT'S ABOUT SIX AND A HALF HOURS
FROM WASHINGTON TO THE SPACE

258

00:15:44,520 --> 00:15:45,520

STATION.

259

00:15:45,520 --> 00:15:49,509

THERE YOU CAN SEE DOCKING ON THE
RIGHT TO THE INTERNATIONAL SPACE

260

00:15:49,509 --> 00:15:52,279

STATIONS WHERE WE SPEND THE NEXT
SIX MONTHS OF OUR LIVES.

261

00:15:52,279 --> 00:15:55,990

TOTALLY AUTOMATED SYSTEM.

262

00:15:55,990 --> 00:15:59,819

EVERYTHING WORKED PERFECTLY FOR
US.

263

00:15:59,819 --> 00:16:05,180

I'VE BEEN STRAPPED IN THE WHOLE

TIME.

264

00:16:05,180 --> 00:16:09,009

THIS IS REALLY MY FIRST CHANCE
TO FLOAT.

265

00:16:09,009 --> 00:16:13,569

I HAVE DREAMED OF THIS MOMENT MY
WHOLE LIFE, I THOUGHT IT WOULD

266

00:16:13,569 --> 00:16:15,759

BE MAGIC.

267

00:16:15,759 --> 00:16:19,839

AT THAT POINT IN TIME IT IS NOT
A MAGICAL EXPERIENCE.

268

00:16:19,839 --> 00:16:21,639

I DIDN'T NECESSARILY FEEL GREAT.

269

00:16:21,639 --> 00:16:22,809

I WAS VERY TIMID.

270

00:16:22,809 --> 00:16:26,050

YOU CAN SEE ME COMING THROUGH
HERE.

271

00:16:26,050 --> 00:16:28,029

THE TRAINERS ON EARTH WE'RE
GOING ACROSS.

272

00:16:28,029 --> 00:16:32,970

COME ON, WE NEED TO GET GOING.

273

00:16:32,970 --> 00:16:35,279

SO IT WAS REALLY KIND OF
INTERESTING.

274

00:16:35,279 --> 00:16:39,369

I FELT A LITTLE SICK TO MY
STOMACH AND DREAMED OF THIS

275

00:16:39,369 --> 00:16:40,509
MOMENT FOR SO LONG.

276

00:16:40,509 --> 00:16:44,779
WHEN IT HAPPENS THERE'S SO MANY
SENSORY OVERLOAD THINGS GOING ON

277

00:16:44,779 --> 00:16:46,750
YOU NEED TO GO TO BED.

278

00:16:46,750 --> 00:16:48,439
THAT'S WHAT YOU NEED TO DO.

279

00:16:48,439 --> 00:16:52,309
YOU WANT TO LOOKOUT SIDE FOR A
SECOND AND GO TO BED.

280

00:16:52,309 --> 00:16:55,600
THAT'S WHAT WE DID THE FIRST
NIGHT.

281

00:16:55,600 --> 00:17:00,269
TO FEEL WHAT IT'S LIKE UP THERE,
I TOOK A FEW OF MY FIRST DAY

282

00:17:00,269 --> 00:17:04,380
TWITTER FEED COMMENTS, JUST TO
RELIVE A LITTLE WALK DOWN MEMORY

283

00:17:04,380 --> 00:17:09,170
LANE FOR ME, I COULDN'T BELIEVE
HOW EASILY I GOT DISORIENTED AND

284

00:17:09,170 --> 00:17:10,170
LOST.

285

00:17:10,170 --> 00:17:17,890
I GOT HIRED IN 2009 AND I
TRAINED EVERY DAY IN FIVE YEARS.

286
00:17:17,890 --> 00:17:23,930
BUILDING NINE IN HOUSTON, THE
SPACE STATION IS LAID OUT.

287
00:17:23,930 --> 00:17:27,070
YOU TAKE GRAVITY AWAY AND PUT ME
ON THIS BIG MACHINE, I WAS

288
00:17:27,070 --> 00:17:28,270
GETTING LOST.

289
00:17:28,270 --> 00:17:33,060
IT WAS FASCINATING AND I FELT
FULL ALL THE TIME.

290
00:17:33,060 --> 00:17:36,220
IT FELT LIKE THERE WAS FOOD UP
TO THERE EVERY MINUTE FOR THE

291
00:17:36,220 --> 00:17:37,340
FIRST TWO OR THREE DAYS.

292
00:17:37,340 --> 00:17:39,800
I KNEW I HAD TO EAT AND DRINK
BUT I DIDN'T WANT TO.

293
00:17:39,800 --> 00:17:42,160
I FELT THERE WAS NO ROOM.

294
00:17:42,160 --> 00:17:46,390
EVERYTHING IN YOUR STOMACH IS
FLOATING UP TO THE TOP AND YOUR

295
00:17:46,390 --> 00:17:48,490
BODY GETS USE TO IT THOUGH.

296

00:17:48,490 --> 00:17:51,940

AFTER TWO OR THREE DAYS I SAID I
WAS GETTING BETTER AT FLOATING.

297

00:17:51,940 --> 00:17:54,450

I WAS STILL KNOCKING STUFF OFF
THE WALLS.

298

00:17:54,450 --> 00:17:58,190

YOU KNOW WHEN A BABY COMES TO
YOUR HOUSE AND YOU HAVE TO PROOF

299

00:17:58,190 --> 00:18:03,820

IT, THEY DO THE SAME THING IN
THE SPACE STATION.

300

00:18:03,820 --> 00:18:08,270

THERE WAS GREAT COLLISIONS THE
FIRST FEW DAYS AND THEN WE ALL

301

00:18:08,270 --> 00:18:12,480

NOTICED THE TOPS OF OUR FEET
HURT.

302

00:18:12,480 --> 00:18:15,490

WE ALWAYS LOCK OUR FEET UNDER
THE HAND RAILS.

303

00:18:15,490 --> 00:18:20,650

YOU GET CALIS'S AND BLISTERS.

304

00:18:20,650 --> 00:18:26,910

MY FIRST RUN, I GUESS DAY THREE,
IF YOU NEVER FELT FOOD BOUNCING

305

00:18:26,910 --> 00:18:30,050

OFF THE TOP OF YOUR STOMACH, I
DON'T RECOMMEND TRYING IT.

306

00:18:30,050 --> 00:18:36,990
I ASKED IF IT WAS A NORMAL
EXPERIENCE AND I SAID YEAH.

307
00:18:36,990 --> 00:18:41,570
IT TOOK ME A WHILE TO GET TO
LOVE THE TREADMILL.

308
00:18:41,570 --> 00:18:42,610
IN THE END I LOVED IT.

309
00:18:42,610 --> 00:18:44,150
IT TOOK A WHILE.

310
00:18:44,150 --> 00:18:49,770
DAY FOUR I WOKE UP AND A SWITCH
WENT OFF IN MY HEAD.

311
00:18:49,770 --> 00:18:51,150
I KNEW THIS IS WHERE I WANTED TO
BE.

312
00:18:51,150 --> 00:18:52,150
I JOKED.

313
00:18:52,150 --> 00:18:55,540
I THINK WE'RE GOING ON NATIONAL
TV BUT IT'S THE ULTIMATE LAZY

314
00:18:55,540 --> 00:18:57,540
PERSON'S DREAM.

315
00:18:57,540 --> 00:19:00,650
YOU PUSH LIKE THAT AND FLOAT
FROM ONE SIDE TO THE OTHER.

316
00:19:00,650 --> 00:19:03,050
YOU CAN PICK UP YOUR
REFRIGERATOR AND PUSH IT WITH

317

00:19:03,050 --> 00:19:08,070

YOUR FINGER.

318

00:19:08,070 --> 00:19:11,050

YOU LOOK OUT AND THE VIEW IS
SPECTACULAR.

319

00:19:11,050 --> 00:19:16,010

HERE'S A QUICK, I THINK MOST IN
THE AUDIENCE ARE FAMILIAR WITH

320

00:19:16,010 --> 00:19:18,130

THE SPACE STATION.

321

00:19:18,130 --> 00:19:22,240

VERY QUICK, ANYTHING THAT RUNS
HORIZONTAL IS TRUST AND SUPPORT.

322

00:19:22,240 --> 00:19:26,530

WE DON'T LIVE INSIDE THAT
HORIZONTAL PORTION OF THE SPACE

323

00:19:26,530 --> 00:19:27,530

STATION.

324

00:19:27,530 --> 00:19:30,110

YOU CAN SEE THAT'S SOLAR POWER.

325

00:19:30,110 --> 00:19:31,110

EVERYTHING COMES FROM THE SUN.

326

00:19:31,110 --> 00:19:35,680

WE DON'T HAVE A NUCLEAR REACTOR,
GAS GENERATOR.

327

00:19:35,680 --> 00:19:40,270

IT'S AMAZING.

328

00:19:40,270 --> 00:19:44,100
IF YOU LOOK AT THE RUNNING
PORTION, THAT'S WHAT WE CALL THE

329
00:19:44,100 --> 00:19:45,100
STACK.

330
00:19:45,100 --> 00:19:47,070
THE PART AT THE BOTTOM HALF OF
THE SCREEN IS BUILT BY THE

331
00:19:47,070 --> 00:19:51,440
RUSSIANS AND THE TOP HALF IS
BUILT BY THE U.S., EUROPE AND

332
00:19:51,440 --> 00:19:53,200
JAPAN.

333
00:19:53,200 --> 00:19:57,220
WHAT I'M GOING TO DO, THERE'S A
VIDEO AND I START FROM THE BACK

334
00:19:57,220 --> 00:19:58,220
OF THE SPACE STATION.

335
00:19:58,220 --> 00:19:59,490
THEY TOLD ME NOT TO USE A LASER
POINTER.

336
00:19:59,490 --> 00:20:07,510
I'M GOING TO START THERE AND
FLOAT UP TO THERE.

337
00:20:07,510 --> 00:20:11,400
LISTEN TO THE SOUND AS YOU GO
THROUGH AND LOOK AT THE VOLUME

338
00:20:11,400 --> 00:20:14,780
AS YOU GO FROM THE RUSSIAN
SEGMENT TO THE U.S. SEGMENT.

339

00:20:14,780 --> 00:20:20,580

FOR THOSE OF YOU THAT HAVE NEVER
SEEN ONE FLY THROUGH, WATCH.

340

00:20:20,580 --> 00:20:46,510

>> HERE WE ARE IN THE BACK OF
THE ATV.

341

00:20:46,510 --> 00:20:58,240

WE'RE IN THE BACK EDGE OF THE
SPACE STATION.

342

00:20:58,240 --> 00:21:09,850

WE'RE GOING 18,000 MILES AN HOUR
IN THAT DIRECTION.

343

00:21:09,850 --> 00:21:41,520

I'M GOING TO KICK OFF AND WE'LL
DO A FLY THROUGH THE SPACE

344

00:21:41,520 --> 00:21:42,520

STATION.

345

00:21:42,520 --> 00:21:47,730

HERE WE ARE STILL GOING 18,000
MILES AN HOUR.

346

00:21:47,730 --> 00:21:56,670

A LOT OF PEOPLE ASK IF YOU GET
CLAUSTROPHOBIC.

347

00:21:56,670 --> 00:22:03,780

YOU CAN'T.

348

00:22:03,780 --> 00:22:05,600

THAT'S THE MAIN PORTION OF THE
SPACE STATION.

349

00:22:05,600 --> 00:22:08,830
YOU CAN SEE IT'S A CRAZY PLACE
TO LIVE.

350
00:22:08,830 --> 00:22:13,210
I HAVE TO POINT OUT I CAME HOME,
I LAUNCHED INTO SPACE AND NEVER

351
00:22:13,210 --> 00:22:14,450
HEARD OF A SELFIE STICK.

352
00:22:14,450 --> 00:22:18,880
I COME HOME FROM SPACE AND
APPARENTLY THIS IS ALL THIS IS.

353
00:22:18,880 --> 00:22:22,350
EVERYBODY WAS FILMING THEMSELVES
WHICH I DIDN'T UNDERSTAND.

354
00:22:22,350 --> 00:22:24,490
THAT WAS MY SELFIE STICK.

355
00:22:24,490 --> 00:22:29,330
WE FOUND THIS ENORMOUS WRENCH
AND I'M SURE IT DOESN'T HAVE A

356
00:22:29,330 --> 00:22:31,030
BOLT IT GOES TO ON THE SPACE
STATION.

357
00:22:31,030 --> 00:22:36,480
I TOOK THAT AND THAT WAS MY
INVENTION.

358
00:22:36,480 --> 00:22:38,490
I THOUGHT I WAS GOING TO BE RICH
AND THEN THE PRESIDENT IS

359
00:22:38,490 --> 00:22:44,060
WALKING AROUND WITH ONE OF THESE

THINGS AND THAT WAS THE END.

360

00:22:44,060 --> 00:22:56,810

YOU GIVE THE KIDS KIND OF AN
AREA OF LIVING WITHOUT GRAVITY.

361

00:22:56,810 --> 00:22:58,800

WE STUCK A GO PRO INSIDE.

362

00:22:58,800 --> 00:23:06,730

YOU SEE THE AIR BUBBLES, WE
STUCK THIS IN FOR A SUNDAY

363

00:23:06,730 --> 00:23:11,500

AFTERNOON AND IT DIDN'T DO MUCH.

364

00:23:11,500 --> 00:23:14,540

YOU CAN SEE WHAT IT'S LIKE TO
KIND OF LIVE INSIDE THIS WATER

365

00:23:14,540 --> 00:23:15,540

BUBBLE.

366

00:23:15,540 --> 00:23:16,840

THERE'S ME FILMING.

367

00:23:16,840 --> 00:23:19,060

HE'S THE COMMANDER OF THE SPACE
STATION AND HE LOOKS LIKE A

368

00:23:19,060 --> 00:23:20,430

LITTLE KID.

369

00:23:20,430 --> 00:23:21,430

SO MUCH FUN.

370

00:23:21,430 --> 00:23:25,070

HE STUCK HIS HAND IN THE.

371

00:23:25,070 --> 00:23:32,130
HE'S ONE OF THE RUSSIAN
COLLEAGUES.

372

00:23:32,130 --> 00:23:34,290
IT GOT ME THINKING.

373

00:23:34,290 --> 00:23:39,920
I REALLY WANT TO BOUNCE WATER
BUBBLES OFF EACH OTHER.

374

00:23:39,920 --> 00:23:48,720
IT SEEMED IMPOSSIBLE TO BOUNCE
THESE OFF EACH OTHER.

375

00:23:48,720 --> 00:23:55,310
I GOT OUT A SYRINGE AND IF IT
HIT IT HARD ENOUGH THE WATER

376

00:23:55,310 --> 00:23:56,310
WOULD ADD TO THE BUBBLE.

377

00:23:56,310 --> 00:24:00,610
IF I HIT IT SOFT ENOUGH IT WOULD
JUST RUN OFF.

378

00:24:00,610 --> 00:24:02,510
YOU CAN SEE MY FACE THROUGH THE
BUBBLE.

379

00:24:02,510 --> 00:24:03,740
THAT WAS COOL.

380

00:24:03,740 --> 00:24:05,540
I HAD NOT SHOWERED IN A LONG
TIME.

381

00:24:05,540 --> 00:24:11,230
I JOKED THIS IS THE CLOSEST I

GOT TO A SHOWER WHILE I WAS UP

382

00:24:13,910 --> 00:24:12,230

THERE.

383

00:24:13,910 --> 00:24:19,190

WOULD IT POP THE WATER BUBBLE,
WHAT WOULD IT DO?

384

00:24:19,190 --> 00:24:23,550

THE NEXT THING I'M GOING TO
INTRODUCE IS JUST AIR.

385

00:24:23,550 --> 00:24:27,240

IT JUST LIVES IN THERE.

386

00:24:27,240 --> 00:24:35,000

YOU CAN SEE.

387

00:24:35,000 --> 00:24:40,860

THEN WE HAD TO KNOW WHAT IT WAS
LIKE TO PUT A HUMAN IN A WATER

388

00:24:40,860 --> 00:24:42,780

BUBBLE.

389

00:24:42,780 --> 00:24:45,230

WE ELECTED ALEX.

390

00:24:45,230 --> 00:24:47,220

HE WAS GOING TO BE THE GUY THEY
WERE GOING TO STICK IN THE WATER

391

00:24:47,220 --> 00:24:48,220

BUBBLE.

392

00:24:48,220 --> 00:24:49,850

ACTUALLY, HE WANTED TO DO IT.

393

00:24:49,850 --> 00:24:53,670

WE MADE ONE MORE BIG WATER
BUBBLE UP THERE.

394

00:24:53,670 --> 00:25:04,940

THIS IS ALEX GOING IN.

395

00:25:04,940 --> 00:25:07,950

HE SAID HOW CLOSE HE CAME TO
DROWNING.

396

00:25:07,950 --> 00:25:12,640

YOU CAN SEE WE HAD TOWELS THERE.

397

00:25:12,640 --> 00:25:13,640

WE WERE READY.

398

00:25:13,640 --> 00:25:20,430

YES, WE VAPORATED ALL THAT WATER
BACK INTO THE CABIN.

399

00:25:20,430 --> 00:25:21,430

IT WAS REGULATED.

400

00:25:21,430 --> 00:25:26,100

HE COULD FEEL WATER GOING UP HIS
NOSTRILS, IN HIS EAR.

401

00:25:26,100 --> 00:25:28,850

HE SAID IF I WAS IN A SPACE
SUIT, THAT WOULD BE THE SCARIEST

402

00:25:28,850 --> 00:25:29,850

THING.

403

00:25:29,850 --> 00:25:30,860

YOU CAN'T GET THE WATER OFF YOU.

404

00:25:30,860 --> 00:25:31,860
THAT WAS FASCINATING TO SEE.

405
00:25:31,860 --> 00:25:37,780
THAT'S A LITTLE PERSPECTIVE ON
FUN AND LIVING IN ZERO GRAVITY

406
00:25:37,780 --> 00:25:38,780
WITH THE WATER.

407
00:25:38,780 --> 00:25:41,341
WHAT WE'RE REALLY DOING UP THERE
AND HERE I'M GOING TO ATTEMPT TO

408
00:25:41,341 --> 00:25:58,920
DO A LIFT.

409
00:25:58,920 --> 00:26:02,950
FOR MYSELF AND ALEX, WE'RE
WORKING FOUR TO FIVE HOURS A DAY

410
00:26:02,950 --> 00:26:05,920
MINIMUM ON GOOD SIGNS.

411
00:26:05,920 --> 00:26:09,140
THIS VIDEO IS GOING TO SHOW A
SNIP PET OF WHAT WE'RE WORKING

412
00:26:09,140 --> 00:26:10,730
ON UP THERE.

413
00:26:10,730 --> 00:26:16,420
A LOT OF, THIS IS RESEARCH WITH
FLORIDA INSTITUTE OF TECHNOLOGY.

414
00:26:16,420 --> 00:26:21,070
SOME OF DATA WE PULLED WAS A
FLUID EXPERIMENT AND THE DATA

415

00:26:21,070 --> 00:26:25,270
WAS SO INTRIGUING THEY WERE
PUMPING THE RESULTS IN FOR A

416
00:26:25,270 --> 00:26:27,070
FUEL TANK.

417
00:26:27,070 --> 00:26:45,140
THIS WAS TRYING TO USE
ELECTROMAGNETIC ALONE TO HAVE

418
00:26:45,140 --> 00:27:00,870
THEM FLY OFF EACH OTHER.

419
00:27:00,870 --> 00:27:08,010
THIS IS WHAT IT LOOKED LIKE
INSIDE.

420
00:27:08,010 --> 00:27:16,170
THIS ONE LOOKS LIKE A SPACESHIP
FLYING OFF TO THE SIDE.

421
00:27:16,170 --> 00:27:19,190
I SPENT ABOUT A MONTH AND A HALF
DOING THIS EXPERIMENT WHERE WE

422
00:27:19,190 --> 00:27:22,940
WERE JUST BURNING SOLIDS AND
GETTING THE THUMBS UP FROM

423
00:27:22,940 --> 00:27:27,190
MISSION CONTROL TO BURN STUFF IN
BASE WAS GREAT.

424
00:27:27,190 --> 00:27:43,470
HUNDREDS OF SPEERMS.

425
00:27:43,470 --> 00:27:44,470
IT MADE OUR DAYS GOOD.

426

00:27:44,470 --> 00:27:48,290

BY THE TIME WE LEFT WE HAD
ABUNCH OF FISH, MICE, WORM.

427

00:27:48,290 --> 00:27:51,130

I THINK WE HAD FRUIT FLIES.

428

00:27:51,130 --> 00:27:53,900

WE KIND OF TURNED INTO A ZOO.

429

00:27:53,900 --> 00:27:58,080

I LOVED WATCHING OUR ANIMAL
FRIENDS UP THERE AND WATCHING

430

00:27:58,080 --> 00:28:02,220

THE MITES INTEGRATE AND LEARN
HOW TO LIVE IN SPACE WAS

431

00:28:02,220 --> 00:28:03,220

AMAZING.

432

00:28:03,220 --> 00:28:09,050

AT FIRST THEY WERE TIMID AND
AFTER TWO WEEKS YOU WOULD LOOK

433

00:28:09,050 --> 00:28:12,780

AND THEY WOULD FLOAT AROUND
AROUND AFTER A MONTH OR TWO THEY

434

00:28:12,780 --> 00:28:16,450

WERE PUSHING OFF THEIR FOOD,
FLOATING THE WALL AND RUNNING

435

00:28:16,450 --> 00:28:19,900

AROUND.

436

00:28:19,900 --> 00:28:22,110

REALLY AMAZING STUFF.

437

00:28:22,110 --> 00:28:28,990

WE SPENT A LOT OF TIME LOOKING
IN OURSELVES AND SEEING WHAT WAS

438

00:28:28,990 --> 00:28:35,810

GOING ON WITH THE HUMAN BODY.

439

00:28:35,810 --> 00:28:39,630

I GOT TO DO A LOT OF I. RIGHT
THERE I'M LOOKING AT MY†CALF

440

00:28:39,630 --> 00:28:41,390

MUSCLE.

441

00:28:41,390 --> 00:28:48,500

EYE SITE IS A BIG PROBLEM.

442

00:28:48,500 --> 00:28:52,820

FLUID GOES UP INTO OUR HEADS AND
STAYS THERE.

443

00:28:52,820 --> 00:28:55,810

THERE WE'RE LOOKING AT FLOOD
FLOW IN THE BACK OF MY EYES AND

444

00:28:55,810 --> 00:28:59,310

AN AWKWARD FEELING IF YOU HAVE
NEVER TRIED IT IS THROWING GEL

445

00:28:59,310 --> 00:29:01,170

ON THE ULTRASOUND.

446

00:29:01,170 --> 00:29:08,560

REALLY NEED TO SEE ALL THAT.

447

00:29:08,560 --> 00:29:10,400

WE GOT TO TAKE CARE OF OUR
BODIES TOO.

448

00:29:10,400 --> 00:29:12,810

WE WOULD SPEND ABOUT TWO HOURS A
DAY WORKING OUT.

449

00:29:12,810 --> 00:29:19,530

WE HAD A MACHINE THAT LET US GET
UP TO 600 POUNDS.

450

00:29:19,530 --> 00:29:23,590

I GOT TO ABOUT 350 POUNDS.

451

00:29:23,590 --> 00:29:26,010

THEN THE TRAED MILL WHICH IS
MOUNTED ON THE WALL FACING

452

00:29:26,010 --> 00:29:35,920

STRAIGHT DOWN.

453

00:29:35,920 --> 00:29:37,380

IT TOOK A WHILE TO GET USE TO
RUNNING.

454

00:29:37,380 --> 00:29:40,950

ONCE I WAS USE TO IT, IT WAS
GREAT.

455

00:29:40,950 --> 00:29:46,660

SINCE WE DON'T HAVE ANY
SCIENTIST UP THERE, ANYTHING

456

00:29:46,660 --> 00:29:50,680

THAT COMES OUT OF OUR BODY, WE
TAKE URINE SAMPLES, BLOOD

457

00:29:50,680 --> 00:29:53,790

SAMPLES AND WE FREEZE ALL THAT
AND SEND IT DOWN.

458

00:29:53,790 --> 00:29:54,810

I LIKE THIS VIDEO.

459

00:29:54,810 --> 00:29:58,240

RIGHT HERE AT THE END I LOST
THIS.

460

00:29:58,240 --> 00:30:00,490

IT HIGHLIGHTS HOW HARD IT IS TO
MANAGE EVERYTHING WHEN IT'S

461

00:30:00,490 --> 00:30:04,240

FLOATING AND HOW IFTS SO SCARED
TO LOSE A BLOOD OR URINE SAMPLE

462

00:30:04,240 --> 00:30:08,200

AND THERE GOES THE DATA.

463

00:30:08,200 --> 00:30:16,030

I WAS WEARING SHORT SLEEVE
SHIRTS, I DON'T KNOW WHY.

464

00:30:16,030 --> 00:30:18,110

I CAN TELL YOU I STARTED.

465

00:30:18,110 --> 00:30:21,820

THAT WAS COLD, COLD, COLD
STORAGE RIGHT THERE.

466

00:30:21,820 --> 00:30:23,120

ALL RIGHT.

467

00:30:23,120 --> 00:30:28,380

THEN SOME OF MY FAVORITE WORK UP
THERE, I'M GETTING BETTER AT THE

468

00:30:28,380 --> 00:30:29,380

FLIPS.

469

00:30:29,380 --> 00:30:39,360

SOME OF MY FAVORITE WORK WAS
RUNNING THE MAINTENANCE.

470

00:30:39,360 --> 00:30:41,550

THAT'S OUR WATER ACCLAMATION
SYSTEM.

471

00:30:41,550 --> 00:30:47,430

IT TAKES SUITE FROM THE CABIN,
CONDENSATION AND URINE AND PUMPS

472

00:30:47,430 --> 00:30:52,570

IT BACK TO OUR DRINKING WATER.

473

00:30:52,570 --> 00:30:58,490

THERE I'M WORKING ON A GIGANTIC
FURNACE.

474

00:30:58,490 --> 00:31:01,390

I DIDN'T LOOK TOO COOL THERE.

475

00:31:01,390 --> 00:31:05,770

WORKING ON ALL THIS, IT MAKES
YOU REALIZE HOW BIG THE TEAM IS.

476

00:31:05,770 --> 00:31:11,350

THAT'S THE ONLY WAY TO GET THE
JOB DONE.

477

00:31:11,350 --> 00:31:14,040

NOT TRYING TO BE CHANGED ON
ORBIT.

478

00:31:14,040 --> 00:31:17,850

OUR TREADMILL BROKE AND WE HAD
TO FIX THAT.

479

00:31:17,850 --> 00:31:31,620

OUR TOIL LET ALWAYS BROKE.

480

00:31:31,620 --> 00:31:32,700

WE HAVE TWO UP THERE.

481

00:31:32,700 --> 00:31:36,941

ONE OF THE RUSSIAN SIDE AND U.S.
SIDE AND SO WE HAD A COUPLE OF

482

00:31:36,941 --> 00:31:40,040

TIMES WHERE BOTH WERE BROKEN AT
THE SAME TIME.

483

00:31:40,040 --> 00:31:42,930

ALL RIGHT.

484

00:31:42,930 --> 00:31:45,490

THEN EVERY ASTRONAUT'S DREAM IS
TO GET TO DO A SPACE WALK.

485

00:31:45,490 --> 00:31:54,010

LIKE RACE FANS DON'T ADMIT THEY
WANT TO SEE A CRASH BUT YOU DO.

486

00:31:54,010 --> 00:31:57,520

WHEN YOU'RE INSIDE YOU'RE ALWAYS
SECRETLY HOPING SOMETHING WILL

487

00:31:57,520 --> 00:32:00,110

BREAK OUTSIDE.

488

00:32:00,110 --> 00:32:05,820

YOU DON'T WANT TO ADMIT IT BUT
YOU ARE TERRIBLY HOPING.

489

00:32:05,820 --> 00:32:10,470

WE GOT THE CHANCE TO DO SPACE
WALKS.

490

00:32:10,470 --> 00:32:14,760

TWO ROOKIES GOING OUT THE DOOR.

491

00:32:14,760 --> 00:32:18,270

IF YOU WANT TO UP THE GAMES AND
NERVES A GOOD BIT, THAT WAS IT

492

00:32:18,270 --> 00:32:19,270

FOR ME.

493

00:32:19,270 --> 00:32:24,970

I WAS NERVOUS I WOULDN'T GET THE
AIR LOCK HATCH OPEN.

494

00:32:24,970 --> 00:32:25,970

IT'S AN AUKWARD.

495

00:32:25,970 --> 00:32:29,030

I THOUGHT ABOUT THAT FOR HOURS.

496

00:32:29,030 --> 00:32:31,090

WHAT WOULD HAVE HAPPENED IF WE
DEPRESSED THE AIR LOCKS AND I

497

00:32:31,090 --> 00:32:36,200

COULDN'T OPEN THE DOOR?

498

00:32:36,200 --> 00:32:38,150

THAT WOULD BEEN TERRIBLE.

499

00:32:38,150 --> 00:32:39,150

I'M KIND OF SCARED OF HEIGHTS.

500

00:32:39,150 --> 00:32:40,570

YOU CAN SEE ME THERE ON THE
BOTTOM.

501

00:32:40,570 --> 00:32:42,030

I'M STUCK OUT ON THESE THINGS.

502

00:32:42,030 --> 00:32:44,340

ALAN TOOK THIS PICTURE.

503

00:32:44,340 --> 00:32:51,450

MAN, WHAT A FASCINATING VIEW.

504

00:32:51,450 --> 00:32:52,900

WE'RE OUTSIDE ABOUT SIX AND A
HALF HOURS.

505

00:32:52,900 --> 00:32:55,130

WE GOT A DRINK BAG OF WATER.

506

00:32:55,130 --> 00:32:58,210

BEFORE WE GO OUT THE HATCH, IT'S
FOUR HOURS IN THE SUIT.

507

00:32:58,210 --> 00:33:02,030

IT'S THE HARDEST THING I'VE EVER
DONE.

508

00:33:02,030 --> 00:33:05,980

I LANDED ON A NAVY SHIP OVER 500
TIMES.

509

00:33:05,980 --> 00:33:07,510

ABUNCH OF THEM AT NIGHT.

510

00:33:07,510 --> 00:33:09,080

THIS TAKES THE CAKE.

511

00:33:09,080 --> 00:33:15,620

IT TAKES THE CAKE AS A REE DICK
LOUSE COOL THING.

512

00:33:15,620 --> 00:33:25,140

WHAT I WANT TO END WITH IS VIEWS
FROM THE INSIDE LOOKING OUT.

513

00:33:25,140 --> 00:33:28,280
WITH A FEW EXCEPTIONS, ALL THESE
PICTURES ARE GOING TO BE ABOUT A

514
00:33:28,280 --> 00:33:31,330
40-50 MILLIMETER LENS.

515
00:33:31,330 --> 00:33:33,180
IF YOU WANT TO KNOW WHAT IT
LOOKS LIKE, THIS IS WHAT IT

516
00:33:33,180 --> 00:33:34,960
LOOKS LIKE.

517
00:33:34,960 --> 00:33:40,640
YOU CAN SEE MY TWO NIKONS THERE.

518
00:33:40,640 --> 00:33:44,430
WE HAVE ONE BIG WINDOW IN THE
CENTER LOOKING STRAIGHT DOWN AT

519
00:33:44,430 --> 00:33:45,610
EARTH.

520
00:33:45,610 --> 00:33:48,840
ANY FREE MOMENT YOU GOT, YOU TRY
TO GET TO IT.

521
00:33:48,840 --> 00:33:59,000
ONE DAY I WAS WATCHING A TV SHOW
ON MY IPAD AND I HAD

522
00:33:59,000 --> 00:34:01,530
THE IDEA I
WAS FLOATING.

523
00:34:01,530 --> 00:34:04,720
I'LL START WITH THE CANNON,
VIDEO CAMERA LOOKING STRAIGHT

524
00:34:04,720 --> 00:34:07,490
DOWN.

525
00:34:07,490 --> 00:34:12,320
AS WE COME UP, YOU CAN SEE A
GREAT HUMAN EYE PERSPECTIVE OF

526
00:34:12,320 --> 00:34:15,649
FLOATING AND LOOKING OUTSIDE.

527
00:34:15,649 --> 00:34:17,799
IT IS HARD TO SEE.

528
00:34:17,799 --> 00:34:20,750
RIGHT THERE YOU CAN SEE LAND
MASS IN THE CENTER RIGHT TOWARDS

529
00:34:20,750 --> 00:34:21,750
THE HORIZON.

530
00:34:21,750 --> 00:34:22,750
THAT'S CALIFORNIA.

531
00:34:22,750 --> 00:34:25,450
IF ANY OF YOU ARE FAMILIAR
YOU'LL SEE THE CENTRAL VALLEY IN

532
00:34:25,450 --> 00:34:27,389
THE MIDDLE.

533
00:34:27,389 --> 00:34:31,269
THEN YOU CAN SEE WHERE THE
CLOUDS KIND OF WRAP AROUND THE

534
00:34:31,269 --> 00:34:32,269
EDGE.

535
00:34:32,269 --> 00:34:35,599

YOU CAN SEE WHERE SAN FRANCISCO
IS AND THE FOG THERE AND OVER ON

536

00:34:35,599 --> 00:34:38,710

THE RIGHT IS L.A.
THAT'S LOOKING AT THE WHOLE WEST

537

00:34:38,710 --> 00:34:43,470

PART OF THE U.S.
ANY TIME YOU CAN CATCH THE SON

538

00:34:43,470 --> 00:34:46,629

IT GIVES A THREE DIMENSIONAL
VIEW OF THE PLANET THAT IT'S

539

00:34:46,629 --> 00:34:50,309

QUIET SPECIAL AND IT HIGHLIGHTS
THAT ATMOSPHERE.

540

00:34:50,309 --> 00:34:57,539

IF YOU LOOK AT THAT PECK†-- PECK
PICTURE

541

00:34:57,539 --> 00:35:01,059

IT'S JUST A LITTLE FUZZ.

542

00:35:01,059 --> 00:35:03,710

THAT KEEPS US ALL GOING.

543

00:35:03,710 --> 00:35:05,180

OUR EARTH IS AMAZING.

544

00:35:05,180 --> 00:35:07,809

IT ONLY GETS BETTER.

545

00:35:07,809 --> 00:35:11,420

AFTER WE GOT THERE, WE WENT INTO
HIGH BETA WHERE THE SUN NEVER

546

00:35:11,420 --> 00:35:13,650
SITS.

547
00:35:13,650 --> 00:35:17,259
FOR THE FLIGHT CONTROLLERS ON
THE GROUND, THIS IS THE WORST.

548
00:35:17,259 --> 00:35:18,760
YOU NEVER GET AN EARTH'S SHADOW.

549
00:35:18,760 --> 00:35:21,369
OUR SOLAR RAIES ARE PARKED.

550
00:35:21,369 --> 00:35:28,730
I TOOK A PECK CHUR FOR 90
MINUTES.

551
00:35:28,730 --> 00:35:35,680
IT GETS REAL HOT BUT IT'S PRETTY
NEAT WHEN YOU'RE LOOKING OUT.

552
00:35:35,680 --> 00:35:36,680
NIGHT TIME WAS MY FAVORITE.

553
00:35:36,680 --> 00:35:41,839
I WALK THROUGH THIS PICTURE AND
I'M SORRY TO FOLKS WATCHING AN

554
00:35:41,839 --> 00:35:43,640
TV.

555
00:35:43,640 --> 00:35:50,349
YOU CAN SEE THE ARM UP AT THE
TOP AND IT MAKES A SCISSOR UP

556
00:35:50,349 --> 00:35:51,789
THERE.

557
00:35:51,789 --> 00:36:01,530

THE LIGHTS ARE ORANGE LIGHTS AND
THAT'S FIRE FROM OIL WELLS AND

558

00:36:01,530 --> 00:36:04,910

THAT'S MY LEAD IN TO IRAQ.

559

00:36:04,910 --> 00:36:08,470

WE'RE LOOKING TO THE SOUTH AND
AT THE BOTTOM OF THE IMAGE IS

560

00:36:08,470 --> 00:36:09,470

IRAQ.

561

00:36:09,470 --> 00:36:13,680

IF YOU LOOK BACK AT THE SERIES
OF TEN LIGHTS, I'M GOING TO USE

562

00:36:13,680 --> 00:36:15,279

THOSE LIGHTS THERE.

563

00:36:15,279 --> 00:36:19,509

IF YOU FOLLOW THAT UP, COME ON
TO KUWAIT WHICH IS THIS FIRST

564

00:36:19,509 --> 00:36:21,049

SERIES OF LIGHTS.

565

00:36:21,049 --> 00:36:24,859

YOU CAN SEE THE ROWS GOING OUT
OF KUWAIT WITH A LOT OF STREET

566

00:36:24,859 --> 00:36:25,859

LIGHTS.

567

00:36:25,859 --> 00:36:30,090

ALMOST LOOKS LIKE CHRISTMAS
LIGHTS COMING OFF THERE.

568

00:36:30,090 --> 00:36:36,070

AS YOU GO UP TO THE NORTH OFF TO
THE RIGHT IS ONE BIG WHITE CITY

569

00:36:36,070 --> 00:36:39,880

AND THAT SHOULD BE SAUDI ARABIA
AND AS WE WORK OUR WAY ALONG THE

570

00:36:39,880 --> 00:36:51,210

COAST YOU CAN SEE THE KINGDOM OF
BAHRAIN AND UNDERNEATH THE SOLAR

571

00:36:51,210 --> 00:37:02,170

ARRAY OF ONE OF THE CARGO SHIPS
YOU CAN SEE THE CITY OF DUBAI.

572

00:37:02,170 --> 00:37:03,859

I SPENT A LOT OF TIME IN THAT
PART OF WORLD.

573

00:37:03,859 --> 00:37:08,509

IT'S FASCINATING TO LOOK DOWN
AND BE ABLE TO SEE ALL THIS IN

574

00:37:08,509 --> 00:37:13,160

ONE SHOT.

575

00:37:13,160 --> 00:37:21,230

U.S. BORDER PATROL HAS DONE A
JOB BUILDING THIS WALL THAT RUNS

576

00:37:21,230 --> 00:37:26,760

BETWEEN SAN DIEGO AND MEXICO.

577

00:37:26,760 --> 00:37:30,050

YOU CAN LOOK DOWN AND IN AN
INSTANT SEE THE BORDER OF OUR

578

00:37:30,050 --> 00:37:31,569

COUNTRY.

579

00:37:31,569 --> 00:37:37,500

THE DAYS WHERE THE CLOUDS CAST
THOUSAND MILE SHADOWS OFF INTO

580

00:37:37,500 --> 00:37:38,500

NOWHERE.

581

00:37:38,500 --> 00:37:42,200

WHEN YOU GET TO LOOK OUT AT
THAT, THAT'S A SPECIAL MOMENT.

582

00:37:42,200 --> 00:37:45,460

YOU'RE SO IN AWE YOU'RE
SPEECHLESS.

583

00:37:45,460 --> 00:37:49,329

YOU CAN BARELY SEE THE ISLAND IN
THE MEDITERRANEAN.

584

00:37:49,329 --> 00:37:50,569

JUST UNDER THE CLOUDS.

585

00:37:50,569 --> 00:37:53,769

ANOTHER FASCINATING PICTURE FOR
ME I HAD TO USE THE INTERNET TO

586

00:37:53,769 --> 00:37:54,769

HELP EXPLAIN.

587

00:37:54,769 --> 00:37:56,430

WE'RE LOOKING AT BANGKOK AND YOU
SEE THE GREEN LIGHTS SCATTERED

588

00:37:56,430 --> 00:37:57,430

LIKE MARBLES.

589

00:37:57,430 --> 00:37:59,960

I THOUGHT THEY WERE GREEN LIGHTS
BUT THEY'RE NOT, THEY'RE FISHING

590

00:37:59,960 --> 00:38:01,049

BOATS FISHING FOR SQUID.

591

00:38:01,049 --> 00:38:05,270

ALL THE SQUIDS COME TO THE
SURFACE AND THEY TAKE A BIG NET

592

00:38:05,270 --> 00:38:06,270

AND SCOOP THEM UP.

593

00:38:06,270 --> 00:38:07,539

THE INTERNET SOLVED THAT ONE FOR
ME.

594

00:38:07,539 --> 00:38:10,069

I LOVE THIS PICTURE MAINLY
BECAUSE THIS KID E-MAILED ME

595

00:38:10,069 --> 00:38:11,359

WHILE I WAS IN SPACE.

596

00:38:11,359 --> 00:38:12,359

HE'S 8-YEARS-OLD.

597

00:38:12,359 --> 00:38:13,359

HE ASKED WHY YOU CAN'T SEE STARS
AT NIGHT.

598

00:38:13,359 --> 00:38:14,359

I SAID YOU CAN ALWAYS SEE STARS
AT NIGHT.

599

00:38:14,359 --> 00:38:15,359

I LEFT THE SHUTTER OPEN FOR
ABOUT TWO SECONDS.

600

00:38:15,359 --> 00:38:16,359

YOU CAN SEE A LITTLE BIT OF BLUR

HERE BECAUSE WE'RE GOING FAST.

601

00:38:16,359 --> 00:38:19,140

WHAT BLEW ME AWAY, LOOK AT THE
RED RING ON THE HORIZON AND YOU

602

00:38:19,140 --> 00:38:21,559

SEE THE GREEN BAND WHERE THE
GREEN MEETS THE YELLOW, 100

603

00:38:21,559 --> 00:38:23,619

KILOMETERS IS WHEN WE CALL
OURSELVES IN SPACE.

604

00:38:23,619 --> 00:38:25,160

I THINK THAT'S A GREAT PICTURE.

605

00:38:25,160 --> 00:38:28,249

SOMETIMES YOU CAN LOOK DOWN AND
SEE A LOT OF BEAUTY WHEN YOUR

606

00:38:28,249 --> 00:38:29,249

KIDS ARE SCARED AND SLEEPING IN
THEIR PARENTS BEDROOM.

607

00:38:29,249 --> 00:38:30,249

THAT'S A GREAT HURRICANE.

608

00:38:30,249 --> 00:38:31,789

YOU CAN'T LOOK AT THAT AND NOT
SEE BEAUTY.

609

00:38:31,789 --> 00:38:33,910

I KNOW THERE'S DEVASTATION AND
DESTRUCTION.

610

00:38:33,910 --> 00:38:34,910

I LOVE LOOKING DOWN ON THOSE.

611

00:38:34,910 --> 00:38:35,910
I HAD TO PUT THIS IN THERE.

612
00:38:35,910 --> 00:38:36,910
ANY CALIFORNIA PEOPLE.

613
00:38:36,910 --> 00:38:38,359
LET'S START ON THE LEFT WHERE WE
HAVE THE LITTLE BIT OF FWREEN

614
00:38:38,359 --> 00:38:39,359
AND THAT'S UP OVER CANADA, THE
NORTHERN LIGHTS.

615
00:38:39,359 --> 00:38:42,980
IF WE WORK OUR WAY DOWN RIGHT AT
THE BOTTOM OF YOUR IMAGE THERE'S

616
00:38:42,980 --> 00:38:45,259
A CLOUD TOUCHING AN OBLONG
CIRCLE.

617
00:38:45,259 --> 00:38:46,400
THAT'S SAN FRANCISCO.

618
00:38:46,400 --> 00:38:49,050
IF YOU FOLLOW THE COASTLINE,
GOING DOWN TO SAN DIEGO THERE'S

619
00:38:49,050 --> 00:38:51,440
A WHITE BLOCK OF LIFE AND IT'S
VEGAS.

620
00:38:51,440 --> 00:38:52,440
VEGAS STICKS OUT.

621
00:38:52,440 --> 00:38:54,150
VERY EASY TO SEE LAS VEGAS.

622

00:38:54,150 --> 00:38:57,520
I SAID I DON'T CARE HOW WE GET
THERE BUT LET'S GO TO THE

623
00:38:57,520 --> 00:38:58,990
BAHAMAS WHEN WE GET HOME.

624
00:38:58,990 --> 00:39:00,170
I SAID THAT'S GREAT.

625
00:39:00,170 --> 00:39:03,109
YOU CAN NEVER STOP LOOKING AT
THE SOUTHERN OR NORTHERN LIGHTS

626
00:39:03,109 --> 00:39:04,750
AND THE WAY THEY SWIM AROUND.

627
00:39:04,750 --> 00:39:06,660
IT'S FASCINATING TO WATCH THOSE
THINGS GO.

628
00:39:06,660 --> 00:39:07,990
THEY'RE FLYING THROUGH THE
LIGHT.

629
00:39:07,990 --> 00:39:09,930
THIS IS LOOKING STRAIGHT DOWN
OVER LONDON.

630
00:39:09,930 --> 00:39:12,700
YOU CAN SEE THE RIVER THAT
SNEAKS DOWN THROUGH THERE.

631
00:39:12,700 --> 00:39:15,750
DOWN AT THE BOTTOM IS PROBABLY
THE FARRIS WHEEL THEY BUILT.

632
00:39:15,750 --> 00:39:16,750
THERE'S THE TOWER OF LONDON.

633

00:39:16,750 --> 00:39:17,859

WHEN I PUT THIS ONLINE PEOPLE
WENT NUTS.

634

00:39:17,859 --> 00:39:18,859

YOU CAN SEE THIS FROM SPACE.

635

00:39:18,859 --> 00:39:19,859

I WENT NUTS.

636

00:39:19,859 --> 00:39:20,859

I LOVE IT.

637

00:39:20,859 --> 00:39:21,859

THEY CAN LEAVE THE AUDIO NOW AND
I CAN EXPLAIN WHAT'S GOING ON.

638

00:39:21,859 --> 00:39:24,510

IF YOU LOOK OVER THE HORIZON IT
STARTS TO GET A BROWN FOG OR

639

00:39:24,510 --> 00:39:25,510

SMUDGE OUT THERE.

640

00:39:25,510 --> 00:39:27,200

AS I LOOK TO THE RIGHT YOU SEE
THIS KIND OF BROWN IS COMING

641

00:39:27,200 --> 00:39:28,200

DOWN.

642

00:39:28,200 --> 00:39:29,700

NOW YOU CAN SEE IT'S TAKEN UP
HALF OF THE EARTH THERE AS YOU

643

00:39:29,700 --> 00:39:30,700

LOOK.

644

00:39:30,700 --> 00:39:32,309
I DIDN'T KNOW WHAT WAS GOING ON
FOR A LONG TIME.

645
00:39:32,309 --> 00:39:33,859
I THOUGHT MAYBE POLLUTION, I
DIDN'T KNOW.

646
00:39:33,859 --> 00:39:35,630
THIS WAS THE DAY WE FIGURED IT
OUT.

647
00:39:35,630 --> 00:39:38,349
THE SAND STORM IN THE SAHARA
DESERT IS BLOWING UP AND PUSHING

648
00:39:38,349 --> 00:39:41,670
ACROSS THE ATLANTIC ALL THE WAY
OVER THE SOUTH AMERICA INTO

649
00:39:41,670 --> 00:39:44,700
BRAZIL AND REALLY AMAZING TO
WATCH OUR EARTH RESHAPE ITSELF

650
00:39:44,700 --> 00:39:46,690
AND MOVE THE DESERT INTO A RAIN
FOREST.

651
00:39:46,690 --> 00:39:50,150
THIS IS A DAY I LEARNED IT'S
REALLY AMAZING REAL QUICK WE'RE

652
00:39:50,150 --> 00:39:53,740
LOOKING AT, THIS IS ALL OF
EUROPE AND THE BIG CITY KIND OF

653
00:39:53,740 --> 00:39:57,059
IN THE CITY IS PARIS AND OFF TO
THE RIGHT IS LONDON.

654

00:39:57,059 --> 00:39:58,099

THIS IS WHERE WE ARE.

655

00:39:58,099 --> 00:39:59,970

YOU CAN JUST MAKE OUT THE
CHESAPEAKE BAY THERE.

656

00:39:59,970 --> 00:40:02,869

YOU CAN SEE THE CHESAPEAKE BAY
AND WE'RE UP IN THE CLOUDS

657

00:40:02,869 --> 00:40:03,869

AROUND THERE.

658

00:40:03,869 --> 00:40:04,869

THEN THIS IS THAT VIEW LOOKING
STRAIGHT DOWN.

659

00:40:04,869 --> 00:40:05,869

IT'S JUST A HUGE GRAY CITY.

660

00:40:05,869 --> 00:40:07,000

IF YOU PULL UP THE BIG CAMERA,
THAT'S A LITTLE WINDOW DOWN IN

661

00:40:07,000 --> 00:40:08,000

THE RUSSIAN SEGMENT.

662

00:40:08,000 --> 00:40:09,000

IT'S A TINY WINDOW.

663

00:40:09,000 --> 00:40:10,119

THERE'S TWO STADIUMS THERE.

664

00:40:10,119 --> 00:40:11,180

YOU CAN SEE WHERE THE RAVENS
PLAY AND MAKE OUT MOST OF

665

00:40:11,180 --> 00:40:12,180

BALTIMORE.

666

00:40:12,180 --> 00:40:13,180

IT'S REALLY COOL TO DO THAT.

667

00:40:13,180 --> 00:40:14,180

YOU GET A CLOSE CONNECTION WITH
YOUR BUDDIES THERE.

668

00:40:14,180 --> 00:40:15,680

WHO HAS BEEN THROUGH THE
MARYLAND AUGUST THUNDERSTORM.

669

00:40:15,680 --> 00:40:18,119

THIS IS THE AUGUST THUNDERSTORM
THAT ROLLS ACROSS EVERY SINGLE

670

00:40:18,119 --> 00:40:19,119

DAY.

671

00:40:19,119 --> 00:40:20,119

YOU CAN SEE THAT YOU JUST MAKE
UP THE COASTLINE HERE AND MY

672

00:40:20,119 --> 00:40:21,119

PARENTS HOUSE IS UNDER ONE OF
THE BIG THUNDERSTORMS THERE.

673

00:40:21,119 --> 00:40:22,119

I THOUGHT THAT WAS GREAT.

674

00:40:22,119 --> 00:40:25,579

WHEN YOU'RE A KID YOU GOT TO GET
OUT OF SCHOOL AND THOSE ARE SAD

675

00:40:25,579 --> 00:40:26,579

MOMENTS.

676

00:40:26,579 --> 00:40:27,579

ALONG SEA ISLAND, IT'S HUGE.

677

00:40:27,579 --> 00:40:29,299

BOSTON ON THE FAR, FAR RIGHT.

678

00:40:29,299 --> 00:40:32,710

THE SUN STARTS TO COME UP OVER
THE WHO VISE SON.

679

00:40:32,710 --> 00:40:36,180

I THINK THAT'S OTTAWA AND AS WE
GO TO THE LEFT MAYBE BUFFALO,

680

00:40:36,180 --> 00:40:38,599

TORONTO AND FAR LEFT WE HAVE
CLEVELAND AND A LITTLE BIT OF

681

00:40:38,599 --> 00:40:39,599

DETROIT.

682

00:40:39,599 --> 00:40:40,750

THIS IS THE CAMERA LOOKING OUT
THE FRONT.

683

00:40:40,750 --> 00:40:42,940

THIS ISN'T ALL LOOKING AROUND
THAT WHOLE PLACE.

684

00:40:42,940 --> 00:40:43,940

ITALY, THEY'RE NICE.

685

00:40:43,940 --> 00:40:45,130

THEY OUTLINED THE WHOLE COUNTRY.

686

00:40:45,130 --> 00:40:46,130

REALLY, FANTASTIC.

687

00:40:46,130 --> 00:40:47,130

ARE YOU FROM THERE?

688

00:40:47,130 --> 00:40:49,779

BACK FROM THE NORTH COMING DOWN
YOU SEE ROME INTO NAPPLES.

689

00:40:49,779 --> 00:40:53,150

THEN YOU TAKE THE TIP OF THE
FOOD OUT AND YOU HIT SICILY.

690

00:40:53,150 --> 00:40:57,279

IF YOU LOOK AT THE LOWER RIGHT
HAND OF SICILY THERE'S A RING

691

00:40:57,279 --> 00:41:00,900

RIGHT TO THE SOUTH OF IT AND
THAT'S MOUNT ETNA.

692

00:41:00,900 --> 00:41:03,359

IF YOU LOOK IN THE CENTER OF
BLACK THAT'S THE CITY.

693

00:41:03,359 --> 00:41:07,109

YOU CAN SEE DOWN THERE.

694

00:41:07,109 --> 00:41:13,349

EVERY ONCE IN A WHILE YOU LOOK
OUT AND CAN SEE THE BLANKET OF

695

00:41:13,349 --> 00:41:14,349

CLOUDS.

696

00:41:14,349 --> 00:41:17,039

YOU CAN'T LOOK THERE AND NOT
BELIEVE THERE HAS TO BE LIFE OUT

697

00:41:17,039 --> 00:41:18,039

THERE.

698

00:41:18,039 --> 00:41:19,660

WE GOT ABOUT 15 MINUTES LEFT,
MAYBE NOT EVEN.

699

00:41:19,660 --> 00:41:22,289

LET'S FIRE OFF QUESTIONS I'M
SUPPOSE TO WAIT 8 SECONDS.

700

00:41:22,289 --> 00:41:24,170

>> PLEASE WAIT TO GET THE MIC
BEFORE YOU SPEAK.

701

00:41:24,170 --> 00:41:25,170

ANY QUESTIONS?

702

00:41:25,170 --> 00:41:28,380

I WAS WONDERING WHAT IS YOUR
HAPPIEST MOMENT IN SPACE?

703

00:41:28,380 --> 00:41:31,900

>> YOU GOT SIX MONTHS TO THINK
ABOUT YOUR HAPPIEST MOMENT IN

704

00:41:31,900 --> 00:41:32,900

SPACE.

705

00:41:32,900 --> 00:41:36,310

I THINK BEING A ROOKIE, I'M
GOING TO ANSWER THIS QUESTION ON

706

00:41:36,310 --> 00:41:37,329

A ROOKIE BASELINE.

707

00:41:37,329 --> 00:41:40,730

MY HAPPIEST MOMENT WAS WHEN THE
FIRST BASE CUTS OFF.

708

00:41:40,730 --> 00:41:43,660

YOU'VE PROBABLY DREAMED ABOUT
THIS YOUR WHOLE LIFE.

709

00:41:43,660 --> 00:41:44,980

I WOULD HAVE TO SAY THAT'S
PROBABLY IT.

710

00:41:44,980 --> 00:41:45,980

THAT'S PROBABLY IT.

711

00:41:45,980 --> 00:41:47,509

I THINK WHEN YOU COME IN FROM A
SPACE WALK AND YOU'RE

712

00:41:47,509 --> 00:41:49,019

SUCCESSFUL, THERE'S A GREAT
FEELING THERE.

713

00:41:49,019 --> 00:41:53,829

THAT FEELING OF LOOKING OUTSIDE
AND GOING WOW, THIS IS

714

00:41:53,829 --> 00:41:54,829

FASCINATING.

715

00:41:54,829 --> 00:41:55,829

THIS IS TRULY INCREDIBLE.

716

00:41:55,829 --> 00:41:56,829

GOOD QUESTION.

717

00:41:56,829 --> 00:41:59,279

>> WHEN YOU WENT TO SPACE, WHAT
ITEMS DID YOU BRING WITH YOU?

718

00:41:59,279 --> 00:42:02,059

>> WHAT ITEMS DID I TAKE WITH ME
WHEN I WENT TO SPACE?

719

00:42:02,059 --> 00:42:04,460

THIS SHIRT WAS ONE OF THEM I'M
WEARING HERE.

720

00:42:04,460 --> 00:42:07,849

I TOOK A COUPLE OF SHIRTS FROM
MY ELEMENTARY SCHOOL, MIDDLE

721

00:42:07,849 --> 00:42:08,849

SCHOOL AND HIGH SCHOOL.

722

00:42:08,849 --> 00:42:10,519

I TOOK A FEW ITEMS FROM FRIENDS.

723

00:42:10,519 --> 00:42:12,460

WE GET A LITTLE SUITCASE ABOUT
THIS BIG.

724

00:42:12,460 --> 00:42:13,460

NOT MUCH.

725

00:42:13,460 --> 00:42:14,529

ABOUT THE SIZE OF A SHOE BOX.

726

00:42:14,529 --> 00:42:17,970

WHAT YOU CAN PACK IN THERE, AS
LONG AS IT'S NOT LEAD, YOU CAN

727

00:42:17,970 --> 00:42:18,970

STAKE.

728

00:42:18,970 --> 00:42:20,710

I HAD A STUFFED ANIMAL, YOU
DON'T HAVE A WHOLE LOT.

729

00:42:20,710 --> 00:42:22,759

IT WAS REALLY FUN TO PLAY WITH A
YO-YO.

730

00:42:22,759 --> 00:42:23,910

IT DOESN'T WORK UP THERE.

731

00:42:23,910 --> 00:42:25,279

IT WAS FUN TO PLAY WITH.

732

00:42:25,279 --> 00:42:26,279

GOOD QUESTION.

733

00:42:26,279 --> 00:42:28,319

>> YOU WERE RECRUITED IN 2009
AND QUALIFIED IN 2011, HOW DID

734

00:42:28,319 --> 00:42:30,480

YOUR TRAINING DIFFER FROM
PREVIOUS THINGS AND HOW DO YOU

735

00:42:30,480 --> 00:42:32,660

RELATE TO THE SHUTTLE AIR
ASTRONAUTS?

736

00:42:32,660 --> 00:42:34,450

>> WELL, MOST OF THEM DEPARTED.

737

00:42:34,450 --> 00:42:35,450

IT'S EASY TO RELATE TO THEM.

738

00:42:35,450 --> 00:42:36,450

I'M JUST KIDDING.

739

00:42:36,450 --> 00:42:37,450

SO WE GOT A VERY LITTLE BIT OF
SHUTTLE IN OUR INITIAL TRAINING

740

00:42:37,450 --> 00:42:38,450

BECAUSE THIS IS ONE OF THOSE.

741

00:42:38,450 --> 00:42:40,630

WE DID AN APOLLO KIND OF COURSE
AND WE DID A SHUTTLE COURSE.

742

00:42:40,630 --> 00:42:43,240
WE GOT TO SEE WHAT A WING
VEHICLE LOOKS LIKE.

743
00:42:43,240 --> 00:42:46,910
FROM THEN ON IT WAS ABOUT SPACE
STATION AN THAT WAS THE MAIN

744
00:42:46,910 --> 00:42:48,329
FOCUS OF OUR TRAINING THERE.

745
00:42:48,329 --> 00:42:50,539
THEN ONCE YOU GET ASSIGNED YOUR
MISSION, THEN IT'S REALLY

746
00:42:50,539 --> 00:42:51,539
FOCUSED ON LAUNCHING VEHICLES.

747
00:42:51,539 --> 00:42:52,650
MY KNOWLEDGE OF SHUTTLE IS
LIMITED.

748
00:42:52,650 --> 00:42:53,650
VERY LIMITED.

749
00:42:53,650 --> 00:42:54,650
OTHER THAN THE FACT THAT
BASICALLY MOTIVATED MY ENTIRE

750
00:42:54,650 --> 00:42:55,650
LIFE.

751
00:42:55,650 --> 00:42:56,650
>> COULD YOU TALK ABOUT REENTRY
BACK TO EARTH?

752
00:42:56,650 --> 00:42:57,930
>> I THINK THEY SAVE THE BEST
FOR LAST.

753

00:42:57,930 --> 00:43:00,670

IF YOU'RE A ROLER COASTER
ENTHUSE YAST THEY SAVE THE BEST

754

00:43:00,670 --> 00:43:01,670

FOR LAST.

755

00:43:01,670 --> 00:43:05,540

WE GET IN OUR LITTLE SPACECRAFT
AND YOU UNDOCK.

756

00:43:05,540 --> 00:43:08,859

ABOUT 45 MINUTES LATER YOU DO A
FOUR MINUTE BURN.

757

00:43:08,859 --> 00:43:12,490

JUST BARELY KNOCKS OFF YOUR
SPEED A LITTLE BIT AND STARTS

758

00:43:12,490 --> 00:43:15,630

HURDLING YOU BACK TOWARDS THE
EARTH.

759

00:43:15,630 --> 00:43:18,970

SO THE LITTLE PART THAT WE'RE
SITTING IN HAS TWO OTHER

760

00:43:18,970 --> 00:43:20,369

SEGMENTS THAT GETS PUSHED AWAY.

761

00:43:20,369 --> 00:43:23,530

THAT'S WHEN YOU KNOW YOU'RE ALL
ALONG AND YOU'RE DEFINITELY,

762

00:43:23,530 --> 00:43:24,530

COMING HOME.

763

00:43:24,530 --> 00:43:25,740

THOSE THINGS GET PUSHED AWAY.

764

00:43:25,740 --> 00:43:30,289

I REMEMBER MAX WAS SITTING HERE
AND HE SAID THAT THING IS REALLY

765

00:43:30,289 --> 00:43:31,289

ON FIRE.

766

00:43:31,289 --> 00:43:32,289

THEN MY BRAIN GOES WAIT A
MINUTE.

767

00:43:32,289 --> 00:43:33,289

THIS IS EXACTLY WHAT'S HAPPENING
TO YOU RIGHT NOW.

768

00:43:33,289 --> 00:43:36,662

THAT WAS WHEN IT WAS LIKE THIS
IS NUTS.

769

00:43:36,662 --> 00:43:38,680

YOU CAN SEE I HAD A LITTLE
WINDOW RIGHT HERE.

770

00:43:38,680 --> 00:43:39,680

YOU CAN HEAR YOUR REACTION
CONTROLS.

771

00:43:39,680 --> 00:43:40,680

JUST LIKE POP, POP, POP.

772

00:43:40,680 --> 00:43:43,489

EVERY TIME THEY FIRE IT, YOU GET
FIRE BALLS BY YOUR WINDOW.

773

00:43:43,489 --> 00:43:54,049

AS YOU HIT THE THICK PART OF THE
ATMOSPHERE THE WINDOW TURNS FROM

774

00:43:54,049 --> 00:44:06,640
PINK TO RED TO MAROON AND BLACK
TO WHERE YOU CAN'T SEE ANYTHING

775
00:44:06,640 --> 00:44:07,640
ANYMORE.

776
00:44:07,640 --> 00:44:08,640
THAT'S ALL A LITTLE BIT.

777
00:44:08,640 --> 00:44:15,290
THEY'RE RUNNING UP THE SIDE AND
GETTING STUCK ON THE WINDOWS AND

778
00:44:15,290 --> 00:44:18,269
ALL THAT.

779
00:44:18,269 --> 00:44:20,470
YOU GOT YOUR FINGERS CROSSED
LIKE THIS.

780
00:44:20,470 --> 00:44:22,090
YOU GET YOUR PARACHUTE OUT.

781
00:44:22,090 --> 00:44:25,930
YOU'VE JUST BEEN AT ABOUT FIVE
Gs AND THEN THE PARACHUTE COMES

782
00:44:25,930 --> 00:44:29,380
OUT AND IT'S CRAZY MAYHEM.

783
00:44:29,380 --> 00:44:32,890
YOU FEEL LIKE YOU'RE TUMBLING
AND FLIPPING AROUND AND IT ALL

784
00:44:32,890 --> 00:44:34,000
STARTS TO QUIET DOWN.

785
00:44:34,000 --> 00:44:35,380

YOUR COMING DOWN REAL NICE.

786

00:44:35,380 --> 00:44:38,400

THERE'S A FEW MORE SURPRISES
LEFT.

787

00:44:38,400 --> 00:44:45,220

SO RIGHT WHEN YOU'RE LEAST
EXPECTING IT, THERE'S A HUGE

788

00:44:45,220 --> 00:44:46,589

PYRO GLASS.

789

00:44:46,589 --> 00:44:48,789

THE SEATS DOCK UP.

790

00:44:48,789 --> 00:44:58,050

ALL THE SUDDEN YOUR WINDOW GOES
AWAY AND YOU CAN SEE OUTSIDE AND

791

00:44:58,050 --> 00:45:03,170

THE CABIN DEPRESSURIZES, I GUESS
25,000†FEET.

792

00:45:03,170 --> 00:45:12,970

ALL OF
THIS IS GOING ON AND THAT

793

00:45:12,970 --> 00:45:18,339

ALL COMES DOWN AND YOU RIDE YOUR
WAY DOWN AND THE LAST HIT IS THE

794

00:45:18,339 --> 00:45:20,900

LANDING AND IT'S A HEART HIT.

795

00:45:20,900 --> 00:45:30,509

AFTER ABOUT A MINUTE AND A HALF
OF BEING ON

796

00:45:30,509 --> 00:45:34,060

THE GROUND WE FELT A
LITTLE WOBBLE.

797

00:45:34,060 --> 00:45:37,749

I HAD TAKEN MY CLOTHES OFF, MY
BOOKS OFF.

798

00:45:37,749 --> 00:45:40,920

THERE WAS A LOT OF RUSSIAN
SCREAMING ON OUR RESCUE NETWORK

799

00:45:40,920 --> 00:45:50,369

AND WE TIPPED OVER AND GOT A
NICE SLEIGH RIDE ACROSS THE

800

00:45:50,369 --> 00:46:02,740

RUSSIAN DESERT AND AFTER ABOUT
200 METERS WE CAME TO REST AND

801

00:46:02,740 --> 00:46:06,259

NOW WE'RE STUCK AND SINCE I'M
ENJOYING TELLING THE STORY, I'LL

802

00:46:06,259 --> 00:46:07,259

KEEP GOING.

803

00:46:07,259 --> 00:46:09,650

I KNOW WE'RE RUNNING OUT OF
TIME.

804

00:46:09,650 --> 00:46:10,780

NOW WE'RE STOPPED.

805

00:46:10,780 --> 00:46:16,500

SOME RUSSIAN RESCUE FORCES
JUMPED IN OUR PARACHUTE TO

806

00:46:16,500 --> 00:46:19,010

COLLAPSE IT AND NOW WE'RE

STOPPED AND ON OUR SIDE.

807

00:46:19,010 --> 00:46:26,670

ALEX IS AT THE BOTTOM, MAX IS
THERE AND I'M UP ALONG TOP THESE

808

00:46:26,670 --> 00:46:27,670

GUYS.

809

00:46:27,670 --> 00:46:28,839

MAX WAS WORRIED.

810

00:46:28,839 --> 00:46:31,289

THEN I FELT REALLY SICK.

811

00:46:31,289 --> 00:46:32,289

I NEVER DID THROW UP.

812

00:46:32,289 --> 00:46:34,730

THE RESCUE FORCE OPENED ALMOST
IMMEDIATELY.

813

00:46:34,730 --> 00:46:37,769

YOU FEEL THE COLD AIR COMING IN.

814

00:46:37,769 --> 00:46:38,769

GREAT FEELING.

815

00:46:38,769 --> 00:46:42,230

I DID THAT AND THEY PUT YOU IN A
SEAT AND THERE'S MORE

816

00:46:42,230 --> 00:46:43,230

ADRENALINE.

817

00:46:43,230 --> 00:46:48,069

THEY PROBABLY COULD HAVE TAKEN
AN ARM FROM ME AND I WOULDN'T

818

00:46:48,069 --> 00:46:49,499

NOTICED.

819

00:46:49,499 --> 00:47:29,079

THEN THE ADRENALINE WEARS OFF
AND YOU FEEL GRAVITY IS HEAVY.

820

00:47:29,079 --> 00:47:34,790

YOU NEVER EXERCISE YOUR NECK
MUSCLES.

821

00:47:34,790 --> 00:47:48,799

LIKE TOSSING MY CLOTHES THAT
FIRST NIGHT UNDER THE BED, I

822

00:47:48,799 --> 00:47:51,229

MISED BYTY SOLID FOUR FEET.

823

00:47:51,229 --> 00:48:00,670

HOPEFULLY, WE HAVE TIME FOR AT
LEAST ONE MORE QUESTION.

824

00:48:00,670 --> 00:48:05,539

>> THANK YOU FOR COMING TODAY,
SIR.

825

00:48:05,539 --> 00:48:13,930

THE PRESENTATION WAS GREAT.

826

00:48:13,930 --> 00:48:46,319

I WAS WONDERING IF YOU
HAD READ

827

00:48:46,319 --> 00:49:03,490

THE BOOK THE MARTIAN AND IF YOU
HAD COULD YOU RELATE THE BOOK TO

828

00:49:03,490 --> 00:49:04,559

YOUR EXPERIENCE?

829

00:49:04,559 --> 00:49:09,880

>> I DON'T KNOW WHO TAUGHT THEM
WHEN WRITING THE BOOK BUT WHAT

830

00:49:09,880 --> 00:49:20,700

RELATED TO ME WAS THE
INTERACTION WITH THE GUY STUCK

831

00:49:20,700 --> 00:49:25,589

ON MARS AND THE CONTROL TEAM
BACK ON EARTH.

832

00:49:25,589 --> 00:49:40,650

THERE WAS PERSONAL MOMENTS IN
SOME OF THE DIALOGUES AND I WAS

833

00:49:40,650 --> 00:49:41,650

CRACKING UP.

834

00:49:41,650 --> 00:49:50,519

WE HAD ALMOST IDENTICAL MOMENTS
WITH OUR CONTROL TEAMS AND I

835

00:49:50,519 --> 00:50:14,170

REALLY THOUGHT IT WAS YEAH, I
DON'T THINK I CAN SIT HERE AND

836

00:50:14,170 --> 00:50:15,599

PROMOTE A BOOK.

837

00:50:15,599 --> 00:50:24,760

IT WAS AN EASY READ, REALLY NEAT
AND TOOK YOU ON A GREAT

838

00:50:24,760 --> 00:50:25,760

ADVENTURE.

839

00:50:25,760 --> 00:50:33,729

I THOUGHT IN MANY WAYS THAT FELT
WHAT LIFE ON THE SPACEATION WAS

840

00:50:33,729 --> 00:50:34,729

LIKE.

841

00:50:34,729 --> 00:50:45,970

IN CLOSING, IT'S GREAT TO BE
HERE AND BE IN D.C.

842

00:50:45,970 --> 00:50:49,029

RIGHT CLOSE
TO MY HOME.

843

00:50:49,029 --> 00:52:30,479

THANKS TO THE KIDS FOR BEING
HERE

844

00:52:30,479 --> 00:52:47,739

AND
BEING PATIENT.

845

00:52:47,739 --> 00:53:25,599

I HOPE THAT WAS A GOOD JOURNEY
AND HOPE TO SEE YOU AGAIN SOON.

846

00:53:25,599 --> 00:53:35,250

>> LET'S GIVE HIM A HAND.

847

00:53:35,250 --> 00:53:43,769

[APPLAUSE]

>> THANK YOU SO MUCH.

848

00:53:43,769 --> 00:54:01,999

WE

849

00:54:01,999 --> 00:54:13,119

WANT TO THANK OUR LIVE
AUDIENCE, TV AUDIENCE AND THANK

850

00:54:13,119 --> 00:54:56,440

ALL OF

YOU FOR BEING HERE TODAY.

851

00:54:56,440 --> 00:55:58,880

THIS CONCLUDES THE PROGRAM.