1 00:00:06,019 --> 00:00:09,959
hi I'm Mike Massimino

2 00:00:08,580 --> 00:00:11,759
we've been following along with the

3 00:00:09,960 --> 00:00:13,560
astronauts who are going to fly the next

4 00:00:11,759 --> 00:00:15,809
shuttle mission to the International

5 00:00:13,560 --> 00:00:17,699
Space Station what you are about to see

6 00:00:15,810 --> 00:00:19,260
is the crew practicing for their mission

7 00:00:17,699 --> 00:00:21,300
the team that is responsible for

8 00:00:19,260 --> 00:00:22,980
training them and get a sense of what

9 00:00:21,300 --> 00:00:27,449
it's like to fly the shuttle

10 00:00:22,980 --> 00:00:30,899
this is SCS 130 behind the scenes george

11 00:00:27,449 --> 00:00:32,550
zamka the commander of sts-130 I've just

12 00:00:30,899 --> 00:00:34,979
realized I'm sorry her Marine Corps gun

13 00:00:32,549 --> 00:00:36,988
right and scorches a real corker both

14 00:00:34,979 --> 00:00:39,178
you went to the Naval Academy right and
now you went after the other is marine corps excited about this yeah there's something I want to say about national on the third marine commander in a row because after I get c2 again CJ sturckow sophomore demo and we had Doug Hurley who flew before this actually had five arrange fly and roared that on the last space shuttle missions that we've had so it's been pretty big for us and pretty excited and great for is small everybody knows everybody so there's a lot of excitement certain we're excited and the hopes how it flew little bit
across side so it's really really been neat on the end of the run now so before a little while before the next Marine buddy had a nice run dick a great rush will be proud of it should record all right bring it anything else during all right thank you I said are you busy you made your colon over here for you probably got a lot of appreciate okay okay Matt DPS and Ave what does that mean it's like mumbo-jumbo what is it data processing which is like your computers and stuff that's important
stuff all right

44 00:02:22,949 --> 00:02:32,039
very important stuff Sam Schreiber

45 00:02:28,430 --> 00:02:33,569
from Long Island we're in Long Island oh

46 00:02:32,039 --> 00:02:34,829
that's nice over there yeah they

47 00:02:33,569 --> 00:02:36,810
wouldn't even let me into that area

48 00:02:34,830 --> 00:02:38,340
no you're blocked now no they weren't

49 00:02:36,810 --> 00:02:39,719
yeah it would they would see me coming

50 00:02:38,340 --> 00:02:41,849
you know and it would be like now go

51 00:02:39,719 --> 00:02:44,909
back to where you belong

52 00:02:41,849 --> 00:02:46,409
flight control guidance and all right so

53 00:02:44,909 --> 00:02:49,079
how did you get here from Glen Cove New

54 00:02:46,409 --> 00:02:52,109
York Oh once go to the other and then

55 00:02:49,080 --> 00:02:55,469
what school you're see Marilyn undersea

56 00:02:52,110 --> 00:02:57,299
Florida well good got infant v and so

57 00:02:55,469 --> 00:02:59,039
we're here for fact words Wow so you're
very interested in NASA growing up and I

was like I was except like you know

about 100 years after me apparently but

all right so you like what you're doing

I love it if you miss New York

everyday you really yeah you going in

front of holidays no being married three

weeks and if you are really you're going

in early for your honeymoon

yeah we're in Italy are you going Rome

Florence Anna what are you gonna be

there of New Year's okay we're gonna be

there I'm gonna be here in two weeks

okay no week what I mean two weeks I'll
be there yeah

anyway that's cool she's getting married

that's big booty and where you get

married down here so your your fiance's

from Texas so you're never going back to

New York are you yeah you're gonna be

stuck all right well thanks very much

who else we got over there we got enjoy

Robin Roberts your last name Robin

Phoenix Phoenix but it's enix with an e

okay and what do you got going here

Robin so you gotta stop she breaks couch

to make sure we can't talk to each other

or okay so during this sim you're
probably going to do that to them at some point right they're not gonna be able to talk to each other - you sent us George said they're gonna have to try to figure this out as well as important system right that's the thing you want to be able to talk if you can't if you can because then it becomes harder right you can't it's harder right what do you think it's good on you all these looking like a thousand people down here helping you out as opposed to trying to figure it out on your own you guys can figure it out on your own of course it's a lot
better looking at spaceflights an open book test and the people down here a part of the open book you ask them a question they tell you the answer or they let you know what you need to know so that's really important stuff all right who's our last guy Dave Dave's a system kind of systems that can mean a lot of things systems Dave gentlemen what's it mean there's just been a lot of things and just because Asians lifestyle Rory to thermal Cedars okay that caution all morning and pretty much anything else
that nobody wants to claim we get stuck

with okay so it's it's lots of stuff

it's like every everything just about

devote all that stuff so you're gonna

give them different failures as well

today he tell us what you're gonna do to

secrets he tells you secrets do you know

what them an OD they won't figure it out

a great example let's see we're gonna

you know how much confidence these guys

are so nothing ok don't know what the

problem we're gonna kill some cooling

and then we're gonna leak some

atmosphere into the cabin and then we're
gonna short out main bus this is just

someone Sam yeah okay guys keep going

then we're gonna take away their people

cool

we're gonna break their up a little bit

are you born in England I was born in

the north of England you're born and

your dad your dad was from England right

for your mom was America both my parents

are English so I joined up in the in the

u.s. well my my father came here to

business school in this in the 60s oh my

when the world business schools in

Europe and he liked it so eventually we
ended up staying eventually I ended up staying because you're also from New York I lived in New York for many years all right and you for many years but it didn't affect your acts see you and I we spoke speak English if I could be brave enough to say that okay say I knew this sorry Mike I'd say we both speak English we do yes after a fashion what after a fashion I don't even know what that means but he said so you're a complete I mean my accents a little bit different than yours but we've you've spent a lot of time really here for you
weren't polluted I spent holidays in New York it's been hard waste of my time in London so can you do a New York accent if you're in New York really I don't want to get beaten up but you were in New York for quite a while yes my family lived as many is right okay and you and I know each other for a long time did you know that George no I didn't know how long dick and I know each other oh it's something like 20 years it was over 20 years you went to graduate school like and I said an office at MIT yeah that's right next to each other we became good friends for
and this is back when Mike was funny see

what's up so I can imagine being funny

all on board now or even but I wasn't

dragged down by life by contours he

little younger I was your know still in

my twenties I've heard a lot of Knicks

stories but there's a you don't mind

sharing more on this when you and when

you played the Tiffany when you were in

grade school you mind sharing that star

in it because you know kids that see how

this big fancy action on let's get up

but you were going to school as they you

know in England just happened right I
played my focus for this yes okay so

would you might tell us if you have a minute I know you've been over and we're playing the national and collagen we're playing the national anthem

there's one enzyme a penguin yes in England the English national which is what was called god save the planet save the queen

very important song big song very important I was one of the percussion section

section remember of the percussion

section coasters

I had the cymbals the big simple simple
big one so it's it's it may not be the most important instrument in the orchestra but it's just about the most visible because you end up in you mash them together like this and at the time he's want to crash those things I would say is the most important at problems from it but acid sextant and it they start off the song and we'd rehearse this many times and it always gone well and it went on the downbeat the conductor's downbeat of his one why do we like a recent magician if they carry Potter's band attached to one but I
think it was it wasn't English so I

00:09:27,370 --> 00:09:32,960
really don't know if it was a walk

00:09:29,100 --> 00:09:36,620
so on the day

00:09:32,960 --> 00:09:38,810
Churchill's daughter it was a very

00:09:36,620 --> 00:09:41,778
important table it was in honor of

00:09:38,809 --> 00:09:50,389
church and the second was it his

00:09:41,778 --> 00:09:54,169
birthday or was it was big a big thing

00:09:50,389 --> 00:09:59,208
so on the day and watching the conductor

00:09:54,169 --> 00:10:01,189
very carefully in the song builds up and

00:09:59,208 --> 00:10:03,619
so you have to wait for conducting that

00:10:01,190 --> 00:10:07,399
when it's going to start and instead of

00:10:03,620 --> 00:10:09,919
a nice crisp but Tom wave yeah I got

00:10:07,399 --> 00:10:12,409
something that went like this and I

00:10:09,919 --> 00:10:14,179
wasn't quite sure when to crash them so

00:10:12,409 --> 00:10:18,949
I didn't press the cymbals you did it
I'm the big day for God Save the Queen

and Churchill's daughter was in the it

was in attendance Isaiah was this is a

big deal it was a new home 15 years old

the conductor come see it did you run

leave is that what you came to American

English that's why I'm great see stuff

like we talk like that that's how we

talk here in this page copy that you

know that kind of thing you watch the

movie Apollo 13 you learn and the talk

is a Capcom what you doing with the

camera community Grunsfeld is filming

this by the way you've been describing
00:10:57,799 --> 00:11:02,269
how you learned to talk as a Capcom yes

00:11:00,259 --> 00:11:05,149
and and you're actually talking to a

00:11:02,269 --> 00:11:12,528
live crew now well yeah they're alive in

00:11:05,149 --> 00:11:14,750
the simulator yeah they're over there

00:11:12,528 --> 00:11:15,139
we're over here we're practice and what

00:11:14,750 --> 00:11:17,298
we

00:11:15,139 --> 00:11:19,308
and we support them when they're flying

00:11:17,298 --> 00:11:21,769
in space hopefully in the beginning of

00:11:19,308 --> 00:11:23,719
February during these simulations do you

00:11:21,769 --> 00:11:25,578
ever forget that they're just in a metal

00:11:23,720 --> 00:11:31,009
box and you start thinking that's the

00:11:25,578 --> 00:11:32,298
real deal not really I mean we yeah what

00:11:31,009 --> 00:11:33,739
I think is you know we're practicing for

00:11:32,298 --> 00:11:35,629
when they're actually gonna do it and
you work the same way and I think you

know you think there's a bit of

difference between the real thing in the

sim but you know you get practice here

prepares you for the real thing but it's

not nothing quite like the real real

experience of going through a real

flight just needed talking to my ear

right now nice face stuff you can ignore

them I think no like here before was I'm

not just taking video I'm working as a

as a Capcom which gives little science

is Capcom which used which stood for

originally capsule communicated right we

originally capsule communicated right we

is Capcom which used which stood for

originally capsule communicated right we
won't call the thing a capsule anymore

right right we call it a spacecraft so

they say Capcom a spacecraft

communicator right we should be like a

space column or something shouldn't we

this is beyond all paygrade I thought

you get into this game how'd you get to

do this because this is a pretty cool

job I mean astronauts a pretty cool job

the flight directors a pretty cool job

how did you get it - how'd this happen

flight controller in the console you can

see right behind me console

see this like actually there's a week

thank goodness or else oh yeah all right
they're responsible for the communications asset the video systems on the orbiter and all the commanding and telemetry so actually did that job for 14 years that's pretty cool over there what you're hopeful yeah you don't want to get worse