



1  
00:00:12,150 --> 00:00:06,070  
hi i'm mike massimino and this is inside

2  
00:00:15,829 --> 00:00:13,749  
doing a little bit of brain surgery on

3  
00:00:17,590 --> 00:00:15,839  
the space station old times i put my

4  
00:00:22,150 --> 00:00:17,600  
foot through the ceiling in my house the

5  
00:00:26,070 --> 00:00:24,390  
and i am inside the flight control room

6  
00:00:28,870 --> 00:00:26,080  
and we're getting ready to speak to dan

7  
00:00:30,870 --> 00:00:28,880  
burbank and don pettit they're in space

8  
00:00:33,190 --> 00:00:30,880  
we're going to see what they're up to

9  
00:00:35,590 --> 00:00:33,200  
hey don and dan heady here

10  
00:00:37,590 --> 00:00:35,600  
hey max we got you loud and clear we we

11  
00:00:39,190 --> 00:00:37,600  
did want to ask you about repairs you

12  
00:00:42,150 --> 00:00:39,200  
might be doing on the station and both

13  
00:00:43,830 --> 00:00:42,160

of you guys have been to my house

14

00:00:45,590 --> 00:00:43,840

working both times i put my foot through

15

00:00:47,510 --> 00:00:45,600

the ceiling in my house in the attic dan

16

00:00:49,029 --> 00:00:47,520

came over and fixed it and so i've been

17

00:00:51,110 --> 00:00:49,039

staying out of the attic until dan you

18

00:00:53,029 --> 00:00:51,120

come come back to earth and don you've

19

00:00:55,350 --> 00:00:53,039

helped me with uh air conditioning

20

00:00:57,029 --> 00:00:55,360

problems in my car so we're just really

21

00:00:58,630 --> 00:00:57,039

sweating it out in my house until one of

22

00:01:00,549 --> 00:00:58,640

you guys at least gets back to earth to

23

00:01:02,709 --> 00:01:00,559

help out again but what's going on up

24

00:01:03,830 --> 00:01:02,719

there you're both very handy guys what's

25

00:01:06,469 --> 00:01:03,840

going on up there what you guys been

26

00:01:08,870 --> 00:01:06,479

doing to fix stuff well on our holiday

27

00:01:10,870 --> 00:01:08,880

weekend here

28

00:01:13,750 --> 00:01:10,880

the toilet broke

29

00:01:16,390 --> 00:01:13,760

and you can imagine all work comes to a

30

00:01:19,030 --> 00:01:16,400

stop on station when the toilet breaks

31

00:01:21,510 --> 00:01:19,040

and so dan and i spent

32

00:01:23,429 --> 00:01:21,520

most better part of a day

33

00:01:25,270 --> 00:01:23,439

working on the toilet and there's a lot

34

00:01:28,070 --> 00:01:25,280

of downlink video from that so you may

35

00:01:29,830 --> 00:01:28,080

want to see it it was we were

36

00:01:31,990 --> 00:01:29,840

digging down inside of the panels of the

37

00:01:33,749 --> 00:01:32,000

toilet uh working on making sure

38

00:01:35,670 --> 00:01:33,759

everything was going to work turn out

39

00:01:37,590 --> 00:01:35,680

okay

40

00:01:39,429 --> 00:01:37,600

and and before we did that we spent uh

41

00:01:41,190 --> 00:01:39,439

the better part of the previous week and

42

00:01:43,670 --> 00:01:41,200

a half doing a little bit of brain

43

00:01:45,830 --> 00:01:43,680

surgery on the the space station

44

00:01:48,149 --> 00:01:45,840

we basically uh with the grounds

45

00:01:50,870 --> 00:01:48,159

guidance and their help upgraded all the

46

00:01:52,310 --> 00:01:50,880

critical uh computers that operate uh

47

00:01:54,310 --> 00:01:52,320

basically command and control the

48

00:01:56,389 --> 00:01:54,320

guidance navigation computer so it's a

49

00:01:59,270 --> 00:01:56,399

great opportunity to break out tools don

50

00:02:01,749 --> 00:01:59,280

had a a an oscilloscope and he was

51  
00:02:04,389 --> 00:02:01,759  
testing individual chips on all these

52  
00:02:06,149 --> 00:02:04,399  
cards as i would pull the box

53  
00:02:07,830 --> 00:02:06,159  
swap the cards out the ones that he had

54  
00:02:09,830 --> 00:02:07,840  
proved that were good and

55  
00:02:11,990 --> 00:02:09,840  
and right now we're flying on the those

56  
00:02:13,589 --> 00:02:12,000  
new computers

57  
00:02:15,990 --> 00:02:13,599  
and then

58  
00:02:18,150 --> 00:02:16,000  
it's been garbage week

59  
00:02:20,630 --> 00:02:18,160  
we're getting ready to burn up another

60  
00:02:22,630 --> 00:02:20,640  
spacecraft progress uh is going to

61  
00:02:24,390 --> 00:02:22,640  
undock and we load all the stuff in

62  
00:02:27,510 --> 00:02:24,400  
there we don't want any more

63  
00:02:30,710 --> 00:02:27,520

uh like things that come out from our uh

64

00:02:33,110 --> 00:02:30,720

toilet and uh and other food wrappers

65

00:02:35,030 --> 00:02:33,120

and things like that old clothes and we

66

00:02:37,830 --> 00:02:35,040

round all that stuff up and and pack it

67

00:02:39,110 --> 00:02:37,840

up in in progress for uh the orbital

68

00:02:41,110 --> 00:02:39,120

cremation

69

00:02:43,350 --> 00:02:41,120

and and so so it's been it's been a

70

00:02:44,229 --> 00:02:43,360

garbage week for us sometimes i kind of

71

00:02:46,869 --> 00:02:44,239

feel

72

00:02:50,710 --> 00:02:46,879

like we're those guys on tv that do the

73

00:02:52,390 --> 00:02:50,720

the dirty jobs uh program where uh where

74

00:02:55,030 --> 00:02:52,400

we're either working with garbage or

75

00:02:56,710 --> 00:02:55,040

working on the toilet or or we we're

