



1
00:00:06,789 --> 00:00:03,510
i get barber pole over release

2
00:00:13,749 --> 00:00:06,799
for 40 seconds i'll take it off ready on

3
00:00:18,150 --> 00:00:16,070
this is just releasing the locks to it

4
00:00:20,790 --> 00:00:18,160
i've got barbara pull over barbara paul

5
00:00:23,029 --> 00:00:20,800
it looks like it released

6
00:00:25,429 --> 00:00:23,039
it actually moved

7
00:00:27,750 --> 00:00:25,439
and bar pull over release take the

8
00:00:42,709 --> 00:00:27,760
switch to off

9
00:00:42,719 --> 00:00:54,950
uh

10
00:00:58,790 --> 00:00:56,470
all right tony so what did you do this

11
00:01:01,189 --> 00:00:58,800
morning yeah i got up this morning and i

12
00:01:02,310 --> 00:01:01,199
got all cleaned up

13
00:01:05,030 --> 00:01:02,320

good shave

14

00:01:05,830 --> 00:01:05,040
and we uh pulled mrm1 out of the payload

15

00:01:07,429 --> 00:01:05,840
bay

16

00:01:08,710 --> 00:01:07,439
and you probably can see that better in

17

00:01:10,070 --> 00:01:08,720
the monitor

18

00:01:12,550 --> 00:01:10,080
and

19

00:01:14,550 --> 00:01:12,560
in the bottom view is our camera

20

00:01:16,950 --> 00:01:14,560
looking in our payload bay and mrm1 and

21

00:01:18,310 --> 00:01:16,960
then our top view is the

22

00:01:20,230 --> 00:01:18,320
station's

23

00:01:22,310 --> 00:01:20,240
big arm end effector and you can see we

24

00:01:24,870 --> 00:01:22,320
lined it up so they can uh just go in

25

00:01:27,429 --> 00:01:24,880
and grapple and uh

26

00:01:29,429 --> 00:01:27,439

big cheese up over in the cupola

27

00:01:31,190 --> 00:01:29,439

uh flying the big arm he's gonna grapple

28

00:01:32,870 --> 00:01:31,200

the module and plug it into the bottom

29

00:01:34,789 --> 00:01:32,880

of the space station and we'll go over

30

00:01:45,590 --> 00:01:34,799

and take the recorder over there and

31

00:01:50,069 --> 00:01:47,670

all right houston copy i'll terminate at

32

00:01:52,310 --> 00:01:50,079

uh 15 48

33

00:01:54,710 --> 00:01:52,320

and uh we'll start go ahead and start up

34

00:01:56,469 --> 00:01:54,720

bag number nine

35

00:01:58,230 --> 00:01:56,479

hey bueno what you doing

36

00:02:00,310 --> 00:01:58,240

hey tony

37

00:02:01,990 --> 00:02:00,320

i'm uh filling up some water bags here

38

00:02:03,670 --> 00:02:02,000

we're gonna we make a lot of water over

39

00:02:05,109 --> 00:02:03,680

here on the uh space shuttle with our

40

00:02:06,630 --> 00:02:05,119

fuel cells

41

00:02:08,070 --> 00:02:06,640

and uh since we're docked up here to

42

00:02:10,790 --> 00:02:08,080

station we can't dump it like we

43

00:02:12,949 --> 00:02:10,800

normally would and as luck would have it

44

00:02:14,869 --> 00:02:12,959

they need water since they have solar

45

00:02:16,949 --> 00:02:14,879

arrays they don't make water like this

46

00:02:19,270 --> 00:02:16,959

so it works out pretty well

47

00:02:21,510 --> 00:02:19,280

so we fill up these water bags and we

48

00:02:23,510 --> 00:02:21,520

take them over to station

49

00:02:24,790 --> 00:02:23,520

it's a pretty important task

50

00:02:26,710 --> 00:02:24,800

and it seems like you're doing a great

51
00:02:30,309 --> 00:02:26,720
job at it

52
00:02:33,830 --> 00:02:30,319
for tj and jbr

53
00:02:40,949 --> 00:02:33,840
oh this is live action

54
00:02:44,949 --> 00:02:42,470
what do you have there something this is

55
00:02:47,750 --> 00:02:44,959
japanese vegetable rice

56
00:02:48,830 --> 00:02:47,760
egg drop soup egg soup oh that sounds

57
00:02:50,630 --> 00:02:48,840
good

58
00:02:52,589 --> 00:02:50,640
thanks

59
00:02:54,550 --> 00:02:52,599
this is my

60
00:02:56,710 --> 00:02:54,560
operational comment

61
00:03:16,470 --> 00:02:56,720
rather than taking you to a looking up

62
00:03:20,470 --> 00:03:18,550
one of the experiments for return and we

63
00:03:21,830 --> 00:03:20,480

have to get it ready cleaned up and all

64

00:03:23,190 --> 00:03:21,840

safe and all that kind of stuff before

65

00:03:24,229 --> 00:03:23,200

we head it over to you

66

00:03:26,070 --> 00:03:24,239

so

67

00:03:28,390 --> 00:03:26,080

huntsville has got to

68

00:03:30,149 --> 00:03:28,400

a nice little tent growing facility and

69

00:03:32,309 --> 00:03:30,159

remove the air cartridges

70

00:03:34,149 --> 00:03:32,319

powering down and sucking out the water

71

00:03:35,990 --> 00:03:34,159

and we'll give it a little bit later

72

00:03:37,350 --> 00:03:36,000

cool how are the plants growing well

73

00:03:38,710 --> 00:03:37,360

right now they're completely empty they

74

00:03:40,229 --> 00:03:38,720

have been growing very wonderfully so

75

00:03:41,750 --> 00:03:40,239

far it's been really a pretty cool

76
00:03:43,270 --> 00:03:41,760
experiment i've gone through about nine

77
00:03:44,869 --> 00:03:43,280
or ten iterations and i think by about

78
00:03:45,750 --> 00:03:44,879
iteration number seven i got really good

79
00:03:47,670 --> 00:03:45,760
at

80
00:03:49,990 --> 00:03:47,680
all right planting them harvesting them

81
00:03:50,869 --> 00:03:50,000
taking pictures preserving them

82
00:04:01,270 --> 00:03:50,879
good

83
00:04:03,509 --> 00:04:01,280
this is a live action shot live action

84
00:04:05,429 --> 00:04:03,519
you can't see the angle is not too good

85
00:04:09,030 --> 00:04:05,439
but this is garrett

86
00:04:10,470 --> 00:04:09,040
grabbing a mermaid grappling mrm1

87
00:04:12,149 --> 00:04:10,480
okay and i'll turn this off quick

88
00:04:13,830 --> 00:04:12,159

because it's not too much of an angle

89

00:04:16,150 --> 00:04:13,840

we'll catch their faces from another

90

00:04:18,310 --> 00:04:16,160

angle in just a bit right

91

00:04:20,310 --> 00:04:18,320

now we're in the coupla and this is the

92

00:04:22,550 --> 00:04:20,320

view we showed you from the shuttle got

93

00:04:23,909 --> 00:04:22,560

it it says the right label on this end

94

00:04:40,230 --> 00:04:23,919

effector

95

00:04:40,240 --> 00:04:55,430

and

96

00:04:59,990 --> 00:04:57,749

we don't get nasa tv up here so i didn't

97

00:05:01,270 --> 00:05:00,000

uh hear what their answers

98

00:05:03,909 --> 00:05:01,280

i didn't hear the answers or the

99

00:05:08,070 --> 00:05:05,430

all right i can't believe we haven't put

100

00:05:11,909 --> 00:05:08,080

this in flight day highlights this is a

101
00:05:14,390 --> 00:05:11,919
definitely one of the highlights this is

102
00:05:17,110 --> 00:05:14,400
of course the cupola

103
00:05:19,550 --> 00:05:17,120
and

104
00:05:26,070 --> 00:05:19,560
we are of course the camera's gonna get

105
00:05:26,080 --> 00:05:30,870
flying over

106
00:05:38,150 --> 00:05:33,430
let's look back here so i can show you

107
00:05:38,160 --> 00:05:43,270
indeed back on

108
00:06:03,990 --> 00:06:00,150
and

109
00:06:05,189 --> 00:06:04,000
earlier

110
00:06:07,189 --> 00:06:05,199
filming

111
00:06:09,350 --> 00:06:07,199
or we tried to film them

112
00:06:10,790 --> 00:06:09,360
with them or m1 but

113
00:06:12,870 --> 00:06:10,800

it's hard to get in here with the video

114

00:06:15,510 --> 00:06:12,880

camera with them and they're flying

115

00:06:22,469 --> 00:06:15,520

but uh

116

00:06:25,670 --> 00:06:24,870

that's mostly overexposed in the camera

117

00:06:27,590 --> 00:06:25,680

but