



1
00:00:03,429 --> 00:00:01,670
i look at it if i use the talents and

2
00:00:05,349 --> 00:00:03,439
capabilities i happen to have been given

3
00:00:07,110 --> 00:00:05,359
to the best of my ability

4
00:00:08,950 --> 00:00:07,120
i think there is a power greater than i

5
00:00:10,790 --> 00:00:08,960
am that will certainly

6
00:07:48,629 --> 00:00:10,800
see that i am taken care of if i do my

7
00:07:51,350 --> 00:07:49,830
i would believe you could lower your

8
00:07:52,150 --> 00:07:51,360
body core temperature with that ice

9
00:07:53,990 --> 00:07:52,160
cream

10
00:08:10,869 --> 00:07:54,000
oh yes

11
00:08:13,430 --> 00:08:12,309
you want to work with us before we go

12
00:08:51,350 --> 00:08:13,440
into all this

13
00:08:51,360 --> 00:09:05,990

just keep my hands out of sight

14

00:09:06,000 --> 00:09:22,630

that's from class

15

00:09:27,430 --> 00:09:24,310

the white room getting his harness and

16

00:09:29,590 --> 00:09:28,550

five

17

00:09:30,470 --> 00:09:29,600

four

18

00:09:31,350 --> 00:09:30,480

three

19

00:09:32,310 --> 00:09:31,360

two

20

00:09:34,550 --> 00:09:32,320

one

21

00:09:36,550 --> 00:09:34,560

booster ignition and liftoff of

22

00:09:42,230 --> 00:09:36,560

discovery with a crew of six astronaut

23

00:09:45,910 --> 00:09:44,070

discovery roll program

24

00:09:47,910 --> 00:09:45,920

roger discovery

25

00:09:50,389 --> 00:09:47,920

get a little celebrating and got right

26

00:09:51,750 --> 00:09:50,399

to work they did all the work of getting

27

00:09:53,829 --> 00:09:51,760

everybody out of their suits packing

28

00:09:55,910 --> 00:09:53,839

everything up we had about 21 bags down

29

00:09:58,389 --> 00:09:55,920

there back up on the flight deck looking

30

00:09:59,990 --> 00:09:58,399

aft we opened the payload bay doors so

31

00:10:01,910 --> 00:10:00,000

we could get to work with our payloads

32

00:10:03,110 --> 00:10:01,920

in the payload bay and also to allow

33

00:10:05,190 --> 00:10:03,120

cooling couple of the very many

34

00:10:06,470 --> 00:10:05,200

experiments is this one in which we

35

00:10:09,750 --> 00:10:06,480

studied the production of small

36

00:10:11,910 --> 00:10:09,760

quantities of a material called aerogel

37

00:10:13,269 --> 00:10:11,920

which is a very novel experiment will

38

00:10:14,550 --> 00:10:13,279

hopefully help us understand the hows

39

00:10:16,710 --> 00:10:14,560

and whys of

40

00:10:19,030 --> 00:10:16,720

muscle protein buildup and breakdown and

41

00:10:21,350 --> 00:10:19,040

john the non-smelly

42

00:10:23,430 --> 00:10:21,360

that was some of the exercise there took

43

00:10:24,870 --> 00:10:23,440

a towel bath after that was over

44

00:10:25,910 --> 00:10:24,880

obviously

45

00:10:28,470 --> 00:10:25,920

and

46

00:10:31,190 --> 00:10:28,480

this is shocky in one of her more somber

47

00:10:33,750 --> 00:10:31,200

moods as you can see

48

00:10:35,350 --> 00:10:33,760

uh going at it there miss energy herself

49

00:10:37,190 --> 00:10:35,360

nuclear energy someone passed her

50

00:10:39,110 --> 00:10:37,200

something to drink and this is pedro who

51
00:10:40,790 --> 00:10:39,120
i think has had about enough he's

52
00:10:44,829 --> 00:10:40,800
looking at his watch he's been on it for

53
00:10:49,190 --> 00:10:47,269
point and this was getting ready to go

54
00:10:51,190 --> 00:10:49,200
to bed in the sleep stations that we had

55
00:10:53,190 --> 00:10:51,200
for uh three sleep stations on board

56
00:10:54,870 --> 00:10:53,200
because of the sleep experiment

57
00:10:57,350 --> 00:10:54,880
and this is when uh we're getting ready

58
00:10:59,269 --> 00:10:57,360
to go to bed one evening or get into the

59
00:11:00,470 --> 00:10:59,279
sleep station or not that evening and

60
00:11:02,949 --> 00:11:00,480
shut the door

61
00:11:05,829 --> 00:11:02,959
we had some we took them 2500 pictures

62
00:11:07,509 --> 00:11:05,839
on board and that from the 350 statute

63
00:11:08,949 --> 00:11:07,519

miles high that we were they were

64

00:11:10,550 --> 00:11:08,959

spectacular

65

00:11:12,389 --> 00:11:10,560

and we learned a lot as they we were

66

00:11:13,509 --> 00:11:12,399

briefed on yesterday and

67

00:11:16,870 --> 00:11:13,519

the

68

00:11:18,949 --> 00:11:16,880

anyone tell you that 28 degrees and a

69

00:11:21,990 --> 00:11:18,959

half inclination is bad if you can be up

70

00:11:23,829 --> 00:11:22,000

at 350 statute miles because

71

00:11:25,670 --> 00:11:23,839

we had tremendous views from up there

72

00:11:27,590 --> 00:11:25,680

and got a lot of wonderful pictures

73

00:11:29,509 --> 00:11:27,600

there's a picture of a terminator

74

00:11:31,509 --> 00:11:29,519

as you go from light to dark

75

00:11:33,350 --> 00:11:31,519

and it's very definite the light goes

76

00:11:34,150 --> 00:11:33,360

down over the side of the earth from

77

00:11:36,630 --> 00:11:34,160

there

78

00:11:37,990 --> 00:11:36,640

well after nine fun filled days

79

00:11:39,670 --> 00:11:38,000

flight director told us we had to come

80

00:11:41,190 --> 00:11:39,680

back we didn't want to

81

00:11:43,190 --> 00:11:41,200

here we are we're reconfiguring the

82

00:11:44,790 --> 00:11:43,200

vehicle back into an entry vehicle or an

83

00:11:46,550 --> 00:11:44,800

airplane meanwhile in the mid deck their

84

00:11:48,389 --> 00:11:46,560

job is to get us all in our suits and

85

00:11:49,750 --> 00:11:48,399

get all the bags stowed again here

86

00:11:50,710 --> 00:11:49,760

they're instrumenting john up for one of

87

00:11:51,910 --> 00:11:50,720

the medical tests that's going to

88

00:11:53,269 --> 00:11:51,920

monitor his heart rate and blood