
NASA
SPACESTATION
LIVE

1
00:00:08,710 --> 00:00:06,710
hello jeff here it's been a while since

2
00:00:10,230 --> 00:00:08,720
i've given you an update and thought i'd

3
00:00:11,910 --> 00:00:10,240
just check in i'm glad you're enjoying

4
00:00:13,830 --> 00:00:11,920
the photography many of you have given

5
00:00:15,749 --> 00:00:13,840
me feedback i've heard about the

6
00:00:17,910 --> 00:00:15,759
feedback that you've given the folks on

7
00:00:19,990 --> 00:00:17,920
the ground as well so i appreciate that

8
00:00:22,150 --> 00:00:20,000
it's a it's a real thrill for me to be

9
00:00:23,750 --> 00:00:22,160
able to bring the experience to you

10
00:00:26,390 --> 00:00:23,760
through photography some of you have

11
00:00:28,550 --> 00:00:26,400
asked how we take pictures up here we

12
00:00:29,669 --> 00:00:28,560
actually use just regular photography

13
00:00:33,110 --> 00:00:29,679

equipment

14
00:00:34,950 --> 00:00:33,120
this nikon d4x is a is one of several

15
00:00:37,030 --> 00:00:34,960
cameras that we have on board so the

16
00:00:38,790 --> 00:00:37,040
photography that you see is handheld

17
00:00:40,150 --> 00:00:38,800
photography some of the video clips are

18
00:00:43,510 --> 00:00:40,160
actually

19
00:00:45,990 --> 00:00:43,520
video clips made of panoramas of still

20
00:00:48,150 --> 00:00:46,000
photography stitched together uh merged

21
00:00:50,150 --> 00:00:48,160
together it's overlapping shots and i've

22
00:00:52,950 --> 00:00:50,160
made and stitched together and then the

23
00:00:55,430 --> 00:00:52,960
folks on the ground have helped

24
00:00:57,270 --> 00:00:55,440
make a video clip out of them uh we have

25
00:00:58,389 --> 00:00:57,280
a variety of lenses like the one i just

26
00:01:00,470 --> 00:00:58,399
showed you

27
00:01:02,150 --> 00:01:00,480
we have wide angle lenses we also have

28
00:01:04,390 --> 00:01:02,160
very big lenses we've got several of

29
00:01:07,990 --> 00:01:04,400
these as well and uh it's through this

30
00:01:10,630 --> 00:01:08,000
lens this is a 800 millimeter lens

31
00:01:13,190 --> 00:01:10,640
with a 1.5

32
00:01:16,070 --> 00:01:13,200
1.4 multiplier on it so it that brings

33
00:01:17,910 --> 00:01:16,080
uh in the detail uh pretty close there's

34
00:01:20,310 --> 00:01:17,920
a variety of windows on board the space

35
00:01:21,670 --> 00:01:20,320
station uh we have the cupola of course

36
00:01:23,830 --> 00:01:21,680
which i'll show you in a minute but we

37
00:01:25,670 --> 00:01:23,840
also have several windows

38
00:01:27,910 --> 00:01:25,680

in the u.s lab

39
00:01:30,710 --> 00:01:27,920
as well as in the russian segment

40
00:01:34,149 --> 00:01:30,720
that we often use for taking pictures

41
00:01:37,830 --> 00:01:36,149
angles out of the space station to take

42
00:01:38,950 --> 00:01:37,840
the photography and the different places

43
00:01:40,630 --> 00:01:38,960
around the world as well as the

44
00:01:42,870 --> 00:01:40,640
different lighting conditions let me

45
00:01:44,870 --> 00:01:42,880
show you this cupola view i call this

46
00:01:48,950 --> 00:01:44,880
the window on the world it's uh was

47
00:01:51,910 --> 00:01:48,960
added in march of uh 2010 and it's a

48
00:01:53,429 --> 00:01:51,920
gives us a fantastic view of the planet

49
00:01:56,230 --> 00:01:53,439
it's the only place on station we can

50
00:01:57,190 --> 00:01:56,240
see the entire planet from one vantage

51
00:01:59,429 --> 00:01:57,200
point

52
00:02:01,990 --> 00:01:59,439
and here we we're heading uh out over

53
00:02:04,630 --> 00:02:02,000
the atlantic ocean toward europe

54
00:02:06,149 --> 00:02:04,640
uh we're gonna cross over the uk here in

55
00:02:08,389 --> 00:02:06,159
just a few minutes and then go into

56
00:02:09,910 --> 00:02:08,399
sunset there's a robotic arm that you

57
00:02:12,070 --> 00:02:09,920
can see out there

58
00:02:13,430 --> 00:02:12,080
that we use to capture cygnus and we

59
00:02:15,830 --> 00:02:13,440
will use

60
00:02:17,510 --> 00:02:15,840
to capture dragon by the time you see

61
00:02:20,550 --> 00:02:17,520
this video clip

62
00:02:22,949 --> 00:02:20,560
i'm sure we'll have dragon on board

63
00:02:25,510 --> 00:02:22,959

and we'll be unpacking it uh getting out

64
00:02:28,150 --> 00:02:25,520
the cargo and the experiments and the

65
00:02:31,589 --> 00:02:28,160
supplies and the repair parts that it

66
00:02:34,550 --> 00:02:31,599
has here's the uh the cygnus spacecraft

67
00:02:36,790 --> 00:02:34,560
uh that arrived about a week ago that's

68
00:02:38,630 --> 00:02:36,800
its solar array

69
00:02:40,309 --> 00:02:38,640
and then we have a one of the soyuz

70
00:02:41,990 --> 00:02:40,319
spacecraft there docked

71
00:02:44,470 --> 00:02:42,000
as well as a progress and the other

72
00:02:46,630 --> 00:02:44,480
spacecraft we can't see from this window

73
00:02:49,110 --> 00:02:46,640
but you can see uh what is our favorite

74
00:02:50,869 --> 00:02:49,120
object here which is this planet that we

75
00:02:53,190 --> 00:02:50,879
call earth

76
00:02:54,869 --> 00:02:53,200
you never get tired of viewing the

77
00:02:56,150 --> 00:02:54,879
beautiful planet

78
00:02:59,190 --> 00:02:56,160
that is home

79
00:03:02,790 --> 00:02:59,200
to all of us anyway we look forward to

80
00:03:04,630 --> 00:03:02,800
seeing you next time bye now

81
00:03:06,790 --> 00:03:04,640
a lot of williams photos and videos you

82
00:03:09,030 --> 00:03:06,800
can actually see on his uh social media

83
00:03:10,949 --> 00:03:09,040
pages you can find him on twitter at

84
00:03:12,630 --> 00:03:10,959
astro underscore jeff

85
00:03:15,750 --> 00:03:12,640
he's on instagram at

86
00:03:18,149 --> 00:03:15,760
astro underscore jeff w and you can find

87
00:03:20,390 --> 00:03:18,159
him on facebook as well as nasa

88
00:03:21,990 --> 00:03:20,400

astronaut jeff williams he's sending