

A photograph of the Orion crew capsule on the launch pad, viewed from a low angle looking up. The capsule is white with various panels and windows. The number '43' is visible on the launch pad structure to the left. The entire image has a reddish-orange tint.

**EXPLORE THE ORION
CREW CAPSULE WITH
ASTRONAUT RANDY BRESNIK**

1
00:00:05,809 --> 00:00:04,370
this is the Orion crew station where the

2
00:00:07,369 --> 00:00:05,819
crew will be when they fly the vehicle

3
00:00:08,870 --> 00:00:07,379
as you can see the commander seats on

4
00:00:10,910 --> 00:00:08,880
the left the pilot seat is on the right

5
00:00:14,089 --> 00:00:10,920
compared to the Space Shuttle which had

6
00:00:16,129 --> 00:00:14,099
over 1200 switches controls and circuit

7
00:00:19,730 --> 00:00:16,139
breakers Artemis astronauts will have

8
00:00:21,950 --> 00:00:19,740
much less only about 63. inside the crew

9
00:00:23,990 --> 00:00:21,960
4 can live and work for up to 21 days at

10
00:00:25,849 --> 00:00:24,000
a time which is several days longer than

11
00:00:27,950 --> 00:00:25,859
the previous crude Apollo missions to

12
00:00:30,050 --> 00:00:27,960
the moon the interior is about 30

13
00:00:31,790 --> 00:00:30,060

percent larger than those Apollo era

14

00:00:34,549 --> 00:00:31,800

capsules to give more crew living in

15

00:00:36,229 --> 00:00:34,559

working space everything crew needs is

16

00:00:37,850 --> 00:00:36,239

packed right under the floor thanks to

17

00:00:39,350 --> 00:00:37,860

the Orion Stowe system under these

18

00:00:41,569 --> 00:00:39,360

panels the space for everything ranging

19

00:00:43,310 --> 00:00:41,579

from food clothing sleeping bags to

20

00:00:45,410 --> 00:00:43,320

science and camera equipment and even

21

00:00:47,209 --> 00:00:45,420

the tools necessary to perform repairs

22

00:00:48,590 --> 00:00:47,219

if required on the upper part of the

23

00:00:50,690 --> 00:00:48,600

crew compartment or what we call the

24

00:00:52,369 --> 00:00:50,700

overhead is the docking compartment a

25

00:00:54,049 --> 00:00:52,379

crucial component to Future exploration

26

00:00:55,790 --> 00:00:54,059

it allows Crews to dock the Orion

27

00:00:58,670 --> 00:00:55,800

capsule to Gateway NASA's Next

28

00:01:00,529 --> 00:00:58,680

Generation lunar Outpost once they dock

29

00:01:02,150 --> 00:01:00,539

Crews will have the ability to board the

30

00:01:03,950 --> 00:01:02,160

lunar Landers also attached to the

31

00:01:05,810 --> 00:01:03,960

Gateway and then head down to the

32

00:01:07,670 --> 00:01:05,820

surface of the Moon through these

33

00:01:09,710 --> 00:01:07,680

windows the four crew members will have

34

00:01:11,450 --> 00:01:09,720

amazing front row seats of their journey

35

00:01:13,789 --> 00:01:11,460

to and from the Moon do you remember

36

00:01:15,350 --> 00:01:13,799

Apollo 8 and billander's famous photo of

37

00:01:17,210 --> 00:01:15,360

earthrise as they came around the moon

38

00:01:18,830 --> 00:01:17,220

and saw it for the first time imagine

39

00:01:20,810 --> 00:01:18,840

being one of those first crew members on

40

00:01:22,850 --> 00:01:20,820

Orion having their own modern day

41

00:01:24,649 --> 00:01:22,860

earthrise and knowing they are traveling

42

00:01:27,170 --> 00:01:24,659

farther from Earth than humans have ever

43

00:01:29,090 --> 00:01:27,180

traveled before thanks to thousands of

44

00:01:30,350 --> 00:01:29,100

people from across the country and

45

00:01:34,630 --> 00:01:30,360

around the world who have helped with

46

00:01:37,370 --> 00:01:34,640

the research design construction testing

47

00:01:38,810 --> 00:01:37,380

and more testing my fellow astronauts

48

00:01:40,609 --> 00:01:38,820

and I know that whoever gets selected

49

00:01:42,170 --> 00:01:40,619

for future Artemis missions they're

50

00:01:44,090 --> 00:01:42,180

going to have the Journey of a Lifetime

51

00:01:55,330 --> 00:01:44,100

on board the spectacular vehicle we call