



ENGINES ARE GO  
FOR  
ARTEMIS II

THE STATE OF NASA  
THE STATE OF NASA

ARTEMIS

NASA

NASA

AERDIET  
ROCKETDYNE

3D architectural rendering of a building

1  
00:00:04,630 --> 00:00:02,149  
a budget for a new era of space

2  
00:00:06,070 --> 00:00:04,640  
exploration do you have what it takes to

3  
00:00:08,150 --> 00:00:06,080  
be an astronaut

4  
00:00:10,390 --> 00:00:08,160  
and christina cook reflects on her

5  
00:00:12,150 --> 00:00:10,400  
record-setting mission a few of the

6  
00:00:14,629 --> 00:00:12,160  
stories to tell you about this week at

7  
00:00:18,950 --> 00:00:16,470  
during a february 10th event at our

8  
00:00:21,429 --> 00:00:18,960  
stennis space center in mississippi our

9  
00:00:24,070 --> 00:00:21,439  
administrator jim bridenstine discussed

10  
00:00:26,950 --> 00:00:24,080  
the president's fiscal year 2021 budget

11  
00:00:29,429 --> 00:00:26,960  
for nasa which invests more than 25

12  
00:00:31,429 --> 00:00:29,439  
billion dollars in the agency this is a

13  
00:00:34,790 --> 00:00:31,439

21st century budget

14

00:00:37,110 --> 00:00:34,800

worthy of 21st century space exploration

15

00:00:38,150 --> 00:00:37,120

and one of our strongest budgets in nasa

16

00:00:39,990 --> 00:00:38,160

history

17

00:00:42,150 --> 00:00:40,000

one of the noteworthy highlights is the

18

00:00:44,229 --> 00:00:42,160

more than three billion dollars included

19

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

for a human landing system for our

20

00:00:49,510 --> 00:00:46,879

artemis program the budget will also

21

00:00:52,150 --> 00:00:49,520

enable us to carry out history's first

22

00:00:53,830 --> 00:00:52,160

mars sample return mission develop a

23

00:00:56,229 --> 00:00:53,840

host of new trailblazing earth

24

00:00:57,910 --> 00:00:56,239

observation missions continue a wide

25

00:01:00,229 --> 00:00:57,920

range of cutting-edge aeronautics

26

00:01:02,630 --> 00:01:00,239

research and more the science and

27

00:01:04,149 --> 00:01:02,640

technology we are working on right now

28

00:01:06,310 --> 00:01:04,159

will prepare us

29

00:01:09,750 --> 00:01:06,320

in this new exploration

30

00:01:11,429 --> 00:01:09,760

to take humanity's next giant leap to

31

00:01:13,590 --> 00:01:11,439

mars

32

00:01:16,550 --> 00:01:13,600

nasa is accepting applications from

33

00:01:18,550 --> 00:01:16,560

march 2nd to march 31st for the agency's

34

00:01:19,749 --> 00:01:18,560

next class of artemis generation

35

00:01:22,070 --> 00:01:19,759

astronauts

36

00:01:24,710 --> 00:01:22,080

u.s citizens with a master's degree from

37

00:01:26,870 --> 00:01:24,720

an accredited institution in a science

38

00:01:28,950 --> 00:01:26,880

technology engineering and mathematics

39

00:01:31,190 --> 00:01:28,960

related field can apply

40

00:01:34,469 --> 00:01:31,200

nasa expects to select the new class of

41

00:01:37,270 --> 00:01:34,479

astronaut candidates in mid-2021 you can

42

00:01:39,830 --> 00:01:37,280

get more details at [nasa.gov](https://www.nasa.gov)

43

00:01:41,190 --> 00:01:39,840

astronauts

44

00:01:42,870 --> 00:01:41,200

christina cook discussed her

45

00:01:44,950 --> 00:01:42,880

record-setting mission aboard the space

46

00:01:47,109 --> 00:01:44,960

station during a post-flight news

47

00:01:49,910 --> 00:01:47,119

conference on february 12th at johnson

48

00:01:52,069 --> 00:01:49,920

space center in houston my main message

49

00:01:54,149 --> 00:01:52,079

to anyone who has a dream is to follow

50

00:01:55,749 --> 00:01:54,159

your passions be true to yourself do

51  
00:01:57,670 --> 00:01:55,759  
what you love and live the life that

52  
00:01:59,990 --> 00:01:57,680  
you've imagined for yourself do the

53  
00:02:01,990 --> 00:02:00,000  
things that might feel like they're just

54  
00:02:03,990 --> 00:02:02,000  
out of your reach go after that thing

55  
00:02:05,510 --> 00:02:04,000  
not only will you maximally impact the

56  
00:02:08,229 --> 00:02:05,520  
world but you'll get the most personal

57  
00:02:09,830 --> 00:02:08,239  
fulfillment out of it cook's 328-day

58  
00:02:12,229 --> 00:02:09,840  
mission aboard the international space

59  
00:02:14,070 --> 00:02:12,239  
station is the longest space flight ever

60  
00:02:16,790 --> 00:02:14,080  
for a woman

61  
00:02:18,630 --> 00:02:16,800  
on february 9 the solar orbiter mission

62  
00:02:21,350 --> 00:02:18,640  
launched from cape canaveral air force

63  
00:02:24,150 --> 00:02:21,360

station in florida solar orbiter is a

64  
00:02:26,229 --> 00:02:24,160  
european space agency nasa collaboration

65  
00:02:28,470 --> 00:02:26,239  
that will provide the first ever images

66  
00:02:30,869 --> 00:02:28,480  
of the sun's poles and create a

67  
00:02:32,790 --> 00:02:30,879  
one-of-a-kind picture of how the sun can

68  
00:02:34,869 --> 00:02:32,800  
affect the space environment throughout

69  
00:02:37,430 --> 00:02:34,879  
our solar system

70  
00:02:39,430 --> 00:02:37,440  
our mars 2020 rover has arrived at our

71  
00:02:41,509 --> 00:02:39,440  
kennedy space center in florida to begin

72  
00:02:43,509 --> 00:02:41,519  
final preparations for its launch from

73  
00:02:45,430 --> 00:02:43,519  
cape canaveral this july

74  
00:02:48,309 --> 00:02:45,440  
after landing in the jezreel crater

75  
00:02:50,309 --> 00:02:48,319  
region on mars in february 2021 the

76

00:02:52,949 --> 00:02:50,319

rover will collect and store rock and

77

00:02:55,509 --> 00:02:52,959

soil samples search for signs of past

78

00:02:57,910 --> 00:02:55,519

microbial life and characterize the

79

00:03:00,949 --> 00:02:57,920

planet's climate and geology to help

80

00:03:03,110 --> 00:03:00,959

pave the way for human exploration

81

00:03:04,949 --> 00:03:03,120

that's what's up this week at nasa for

82

00:03:07,430 --> 00:03:04,959

more on these and other stories follow