

ARTEMIS ALL ACCESS

Nov. 23, 2022



1
00:00:43,010 --> 00:00:22,360

[Music]

2
00:00:43,020 --> 00:00:59,010

foreign

3
00:00:59,020 --> 00:01:14,750

[Music]

4
00:01:19,010 --> 00:01:16,969
the outbound powered flyby has been

5
00:01:22,249 --> 00:01:19,020
complete we are on our way now to

6
00:01:23,990 --> 00:01:22,259
distant retrograde orbit or Dro now

7
00:01:25,730 --> 00:01:24,000
we're going to do a maneuver to put

8
00:01:28,010 --> 00:01:25,740
ourselves into this orbit and to

9
00:01:30,710 --> 00:01:28,020
maintain it we're going to be about 38

10
00:01:32,390 --> 00:01:30,720
000 miles away from the lunar surface as

11
00:01:34,190 --> 00:01:32,400
we orbit around that's part of why we're

12
00:01:37,130 --> 00:01:34,200
calling it distant and we call it

13
00:01:39,230 --> 00:01:37,140

retrograde because the moon orbiting the

14

00:01:41,090 --> 00:01:39,240

Earth in this direction and then we're

15

00:01:44,210 --> 00:01:41,100

entering into our orbit in this

16

00:01:46,130 --> 00:01:44,220

direction opposites retrograde now we're

17

00:01:48,530 --> 00:01:46,140

choosing this orbit because it's

18

00:01:50,569 --> 00:01:48,540

extremely stable it doesn't cost a lot

19

00:01:53,210 --> 00:01:50,579

of fuel to maintain your position there

20

00:01:55,249 --> 00:01:53,220

and that gives all of our Engineers our

21

00:01:58,069 --> 00:01:55,259

flight controllers the chance to really

22

00:02:01,010 --> 00:01:58,079

learn about Orion systems in deep space

23

00:02:03,230 --> 00:02:01,020

learn about flying a spacecraft farther

24

00:02:05,630 --> 00:02:03,240

than we've ever sent one intended for

25

00:02:07,910 --> 00:02:05,640

humans we're going Beyond anywhere we

26
00:02:10,729 --> 00:02:07,920
ever went for Apollo and so we're going

27
00:02:12,650 --> 00:02:10,739
to be in that orbit test out all of

28
00:02:14,330 --> 00:02:12,660
those systems eventually we'll do a

29
00:02:17,210 --> 00:02:14,340
maneuver to break out of that do another

30
00:02:19,790 --> 00:02:17,220
fly by and come home but for now looking

31
00:02:21,830 --> 00:02:19,800
forward to getting into Dro and really

32
00:02:28,430 --> 00:02:21,840
getting our chance to learn about Orion

33
00:02:46,309 --> 00:02:30,830
the Artemis One mission continues with

34
00:02:50,809 --> 00:02:47,650
foreign

35
00:02:53,760 --> 00:02:50,819
to NASA TV for live coverage of the next

36
00:02:59,410 --> 00:02:53,770
Orion milestone

37
00:03:04,130 --> 00:03:01,850
for more on the science of the mission

38
00:03:05,350 --> 00:03:04,140

and resources for students and Educators

39

00:03:08,509 --> 00:03:05,360

head to

40

00:03:10,369 --> 00:03:08,519

stem.nasa.gov Artemis

41

00:03:12,710 --> 00:03:10,379

follow the mission online on Facebook

42

00:03:14,330 --> 00:03:12,720

Instagram and Twitter

43

00:03:15,970 --> 00:03:14,340

and get the latest updates from the