INSIDE KSC!

1
00:00:04,230 --> 00:00:02,149
i'm nasa kennedy's jenna fathergill and

2
00:00:07,749 --> 00:00:04,240
i'm outside ksc taking you

3
00:00:09,589 --> 00:00:07,759
inside ksc nasa

4
00:00:12,390 --> 00:00:09,599
and boeing announced they are targeting

5
00:00:15,190 --> 00:00:12,400
no earlier than september 2021

6
00:00:16,390 --> 00:00:15,200
for nasa's boeing crew flight test or

7
00:00:18,070 --> 00:00:16,400
cft

8
00:00:19,750 --> 00:00:18,080
the mission will be the starliner

9
00:00:21,429 --> 00:00:19,760
spacecraft's first flight with

10
00:00:23,910 --> 00:00:21,439
astronauts aboard

11
00:00:24,870 --> 00:00:23,920
cft will launch following the successful

12
00:00:27,189 --> 00:00:24,880
completion

13
00:00:27,910 --> 00:00:27,199

of boeing's uncrewed orbital flight test

14
00:00:35,510 --> 00:00:27,920
2

15
00:00:37,750 --> 00:00:35,520
nasa's commercial crew program is

16
00:00:40,069 --> 00:00:37,760
working towards its next crewed mission

17
00:00:42,470 --> 00:00:40,079
to the international space station

18
00:00:43,190 --> 00:00:42,480
crew 2 will be the second crew rotation

19
00:00:45,110 --> 00:00:43,200
mission

20
00:00:48,470 --> 00:00:45,120
carrying astronauts on an american

21
00:00:50,470 --> 00:00:48,480
spacecraft from u.s soil to the station

22
00:00:52,310 --> 00:00:50,480
the four astronauts will launch aboard a

23
00:00:54,389 --> 00:00:52,320
spacex crew dragon

24
00:00:56,549 --> 00:00:54,399
on a falcon 9 rocket from kennedy's

25
00:01:00,630 --> 00:00:56,559
launch complex 39a

26
00:01:04,310 --> 00:01:02,470
engineers are thermal testing the

27
00:01:07,350 --> 00:01:04,320
orbital syngas commodity

28
00:01:09,590 --> 00:01:07,360
augmentation reactor or oscar

29
00:01:11,670 --> 00:01:09,600
for an upcoming suborbital flight

30
00:01:13,270 --> 00:01:11,680
testing will establish that oscar can

31
00:01:15,030 --> 00:01:13,280
successfully operate within the

32
00:01:16,550 --> 00:01:15,040
temperature range it may encounter

33
00:01:18,870 --> 00:01:16,560
during its flight

34
00:01:21,749 --> 00:01:18,880
while in microgravity oscar will

35
00:01:23,749 --> 00:01:21,759
evaluate technology to improve logistics

36
00:01:25,990 --> 00:01:23,759
and manage trash and human waste

37
00:01:28,390 --> 00:01:26,000
generated during long duration space

38
00:01:30,950 --> 00:01:28,400

flight further developments could allow

39
00:01:33,590 --> 00:01:30,960
astronauts to turn waste into gases

40
00:01:34,870 --> 00:01:33,600
that could be vented into space or used

41
00:01:37,030 --> 00:01:34,880
on the mission

42
00:01:40,230 --> 00:01:37,040
nasa's flight opportunities program will

43
00:01:42,310 --> 00:01:40,240
facilitate the mission later this year

44
00:01:43,350 --> 00:01:42,320
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